CDX-GT71W/GT710/GT760

SERVICE MANUAL

Ver. 1.2 2007.03

US Model
CDX-GT71W/GT710
Canadian Model
AEP Model
UK Model
CDX-GT710
E Model
Chinese Model
CDX-GT760

(Photo: CDX-GT710)

• The tuner and CD sections have no adjustments.

AUDIO POWER SPECIFICATIONS (US MODEL)
POWER OUTPUT AND TOTAL HARMONIC DISTORTION
23.2 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 5% total harmonic distortion.

Model Name Using Similar Mechanism	NEW
CD Drive Mechanism Type	MG-101FA-188//Q
Optical Pick-up Name	DAX-25A

SPECIFICATIONS

CD player section

Signal-to-noise ratio	120 dB
Frequency response	10 – 20,000 Hz
Wow and flutter	Below measurable limit

Tuner section
FM

Tuning range	CDX-GT71W/GT710: US, Canadian model: 87.5 – 107.9 MHz CDX-GT710: AEP, UK model: 87.5 – 108.0 MHz CDX-GT760: 87.5 – 108.0 MHz (at 50 kHz step) 87.5 – 107.9 MHz (at 200 kHz step)
FM tuning interval	CDX-GT760: 50 kHz/200 kHz switchable
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Usable sensitivity	9 dBf
Selectivity	75 dB at 400 kHz
Signal-to-noise ratio	67 dB (stereo), 69 dB (mono)
Harmonic distortion at 1 kHz	0.5% (stereo), 0.3% (mono)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz

AM (CDX-GT71W/GT710: US, Canadian model/GT760)

Tuning range	CDX-GT71W/GT710: US, Canadian model: 530 – 1,710 kHz CDX-GT760: 531 – 1,602 kHz (at 9 kHz step) 530 – 1,710 kHz (at 10 kHz step)
AM tuning interval	CDX-GT760: 9 kHz/10 kHz switchable
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	30 μV

– Continued on next page –

FM/AM COMPACT DISC PLAYER
CDX-GT71W/GT710: US, Canadian Model/GT760
FM/MW/LW COMPACT DISC PLAYER
CDX-GT710: AEP, UK Model

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eVehicle Division
Published by Sony Techno Create Corporation

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MW/LW (CDX-GT710: AEP, UK model)

Tuning range	MW: 531 – 1,602 kHz LW: 153 – 279 kHz
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	MW: 30 µV, LW: 40 µV

Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4 – 8 ohms
Maximum power output	52 W × 4 (at 4 ohms)

General

Outputs	Audio outputs terminal (front/rear) Subwoofer output terminal (mono) Power antenna relay control terminal Power amplifier control terminal
Inputs	Telephone ATT control terminal Illumination control terminal BUS control input terminal BUS audio input terminal Remote controller input terminal Antenna input terminal AUX input jack (stereo mini jack)
Tone controls	Low: ±10 dB at 60 Hz (XPLOD) Mid: ±10 dB at 1 kHz (XPLOD) High: ±10 dB at 10 kHz (XPLOD)
Power requirements	12 V DC car battery (negative ground)
Dimensions	Approx. 178 × 50 × 190 mm (7 1/8 × 2 × 7 1/2 in.) (w/h/d)
Mounting dimensions	Approx. 182 × 53 × 163 mm (7 1/4 × 2 1/8 × 6 1/2 in.) (w/h/d)
Mass	Approx. 1.6 kg (3 lb. 9 oz.)
Supplied accessories	Card remote commander: CDX-GT71W/GT710: US, Canadian model: RM-X152 CDX-GT710: AEP, UK model: RM-X154 CDX-GT760: RM-X156 Parts for installation and connections (1 set)

Design and specifications are subject to change without notice.

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SERVICE NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

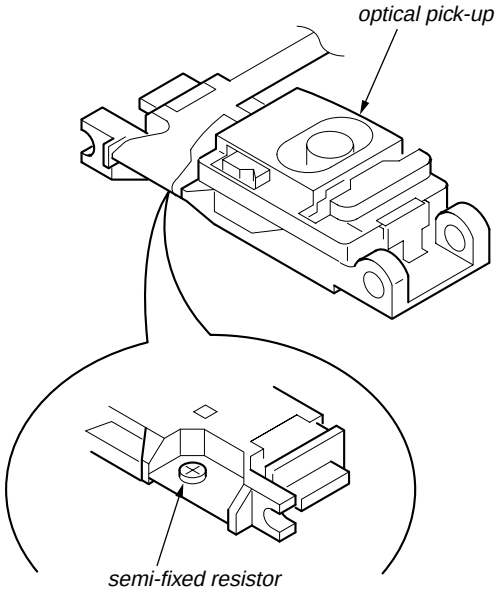
NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

If the optical pick-up block is defective, please replace the whole optical pick-up block.
Never turn the semi-fixed resistor located at the side of optical pick-up block.



SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

This compact disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the exterior.

• CDX-GT710: AEP, UK model/CDX-GT760: E model

This label is located on the bottom of the chassis.

• CDX-GT760: Chinese model

此标签位于机壳的底部。

Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

TEST DISCS

Please use the following test discs for the check on the CD section.

YDES-18 (Part No. 3-702-101-01)
PATD-012 (Part No. 4-225-203-01)

- **CD playback**

  You can play CD-DA (also containing CD TEXT*), CD-R/CD-RW (MP3/WMA/AAC files also containing Multi Session) and ATRAC CD (ATRAC3 and ATRAC3plus format).

Type of discs	Label on the disc
CD-DA	COMPACT disc DIGITAL AUDIO Recordable / COMPACT disc DIGITAL AUDIO ReWritable
MP3 WMA AAC ATRAC CD	COMPACT disc DIGITAL AUDIO Recordable / COMPACT disc DIGITAL AUDIO ReWritable COMPACT disc Recordable / COMPACT disc ReWritable

* A CD TEXT disc is a CD-DA that includes information such as disc, artist and track name.

● UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350°C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

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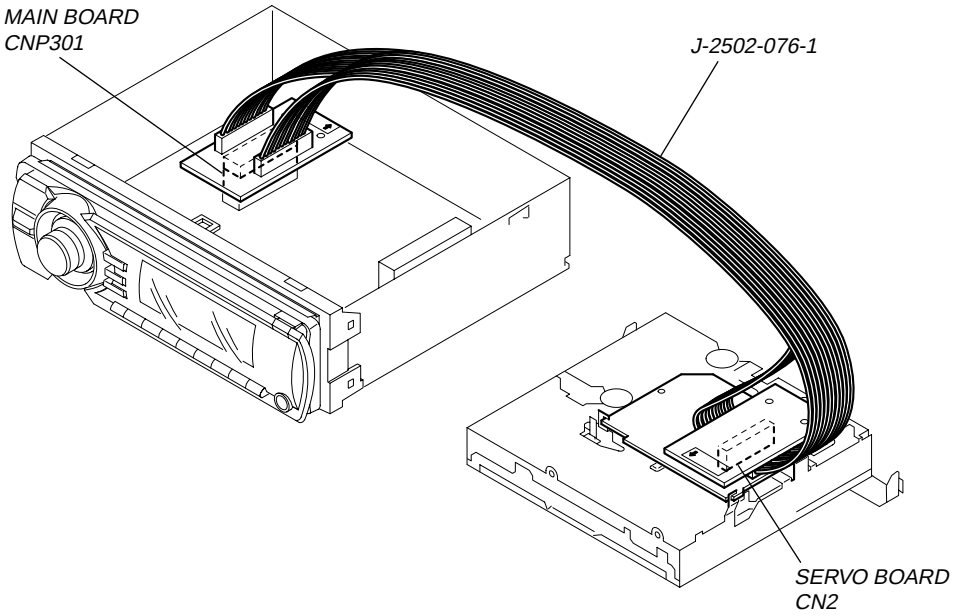
SECTION 1
SERVICE NOTE

EXTENSION CABLE AND SERVICE POSITION

When repairing or servicing this set, connect the jig (extension cable) as shown below.

- Connect the MAIN board (CNP301) and the SERVO board (CN2) with the extension cable (Part No. J-2502-076-1).

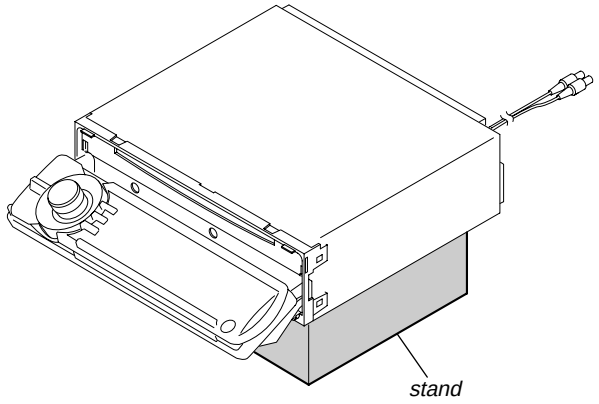


NOTE FOR REPLACEMENT OF THE SERVO BOARD

When repairing, the complete SERVO board (A-1177-362-A) should be replaced since any parts in the SERVO board cannot be repaired.

NOTE FOR THE OPENING OF THE FRONT PANEL

In this set, the front panel is lowered to below the bottom face when it is opened.
When servicing the set, place it on a stand having a height of about 2 cm.



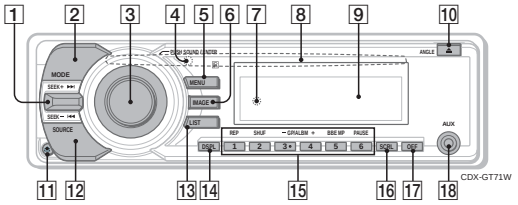
SECTION 2
GENERAL

This section is extracted from instruction manual.

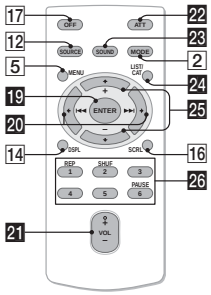
• LOCATION OF CONTROLS
• CDX-GT71W

Location of controls and basic operations

Main unit



Card remote commander RM-X152



Refer to the pages listed for details. The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **SEEK +/– control**
CD/MD*1:
To skip tracks (press up/down); skip tracks continuously (press up/down, then press up/down again within about 1 second and hold); reverse/fast-forward a track (press up/down and hold).
Radio:
To tune in stations automatically (press up/down); find a station manually (press up/down and hold).

2 **MODE button** 10, 13
To select the radio band (FM/AM); select the SAT tuner band (mode)*2; select the unit*3.

3 **Volume control dial**
To adjust volume.

SOUND button
To enter sound setting.

ENTER button
To apply a menu setting.

4 **Receptor for the card remote commander**

5 **MENU button**
To enter menu.

6 **IMAGE button**
To select the display image.
Movie mode 1-3 → Spectrum analyzer mode 1-5 → Wall paper mode 1-3 → normal play/reception mode

7 **RESET button** (Location behind the front panel) 4

8 **Disc slot** 6
To insert the disc.

9 **Display window**

10 **⏏ (eject)/ANGLE button** 7
To eject the disc/slide down the front panel (press); angle the front panel in 3 positions (press and hold).

11 **(front panel release) button** 5

12 **SOURCE button**
To power on; change the source (Radio/CD/MD*1/AUX/SAT*2).

13 **LIST button** 11, 14
To list up.

14 **DSPL (display) button** 10
To change display items.

15 **Number buttons**
CD/MD*1:
①: **REP** 10, 14
②: **SHUF** 10, 14
③/④: **GP*4/ALBM***5 –/+
To skip albums (press); skip albums continuously (press and hold).*6
⑤: **BBE MP** 2
To activate the BBE MP function, set "BBE MP on." To cancel, set "BBE MP off."
⑥: **PAUSE***7
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

16 **SCRL (scroll) button** 10
To scroll the display item.

17 **OFF button**
To power off; stop the source.

18 **AUX input jack** 13
To connect a portable audio device.

The following buttons on the card remote commander have also different buttons/functions from the unit. Remove the insulation film before use (page 4).

19 **ENTER button**
To complete a setting.

20 **←/→ (SEEK –/+) buttons**
CD/MD*1:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); fast-forward/reverse a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).

21 **VOL (volume) +/– button**
To adjust volume.

22 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

23 **SOUND button**
To enter sound setting.

24 **LIST/CAT*2 button** 11, 14
To list up.

25 **↑/↓ (+/–) buttons**
To select preset stations/skip groups (press); skip groups continuously (press and hold).

26 **Number buttons**
CD/MD*1:
①: **REP** 10, 14
②: **SHUF** 10, 14
⑥: **PAUSE***7
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

*1 *When an MD changer is connected.*
*2 *When the SAT tuner is connected.*
*3 *When a CD/MD changer is connected.*
*4 *When an ATRAC CD is played.*
*5 *When an MP3/WMA/AAC is played.*
*6 *If the changer is connected, the operation is different, see page 14.*
*7 *When playing back on this unit.*

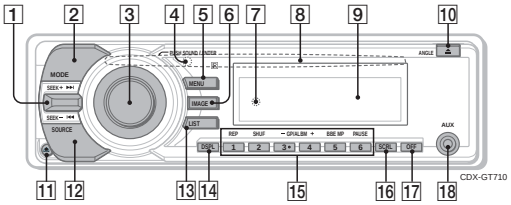
Note
If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.

Tip
For details on how to replace the battery, see "Replacing the lithium battery of the card remote commander" on page 17.

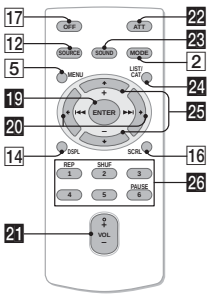
• CDX-GT710: US, Canadian model

Location of controls and basic operations

Main unit



Card remote commander RM-X152



Refer to the pages listed for details. The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **SEEK +/– control**
CD/MD*1:
To skip tracks (press up/down); skip tracks continuously (press up/down, then press up/down again within about 1 second and hold); reverse/fast-forward a track (press up/down and hold).
Radio:
To tune in stations automatically (press up/down); find a station manually (press up/down and hold).

2 **MODE button** 10, 13
To select the radio band (FM/AM); select the SAT tuner band (mode)*2; select the unit*3.

3 **Volume control dial**
To adjust volume.

SOUND button
To enter sound setting.

ENTER button
To apply a menu setting.

4 **Receptor for the card remote commander**

5 **MENU button**
To enter menu.

6 **IMAGE button**
To select the display image.
Movie mode 1-3 → Spectrum analyzer mode 1-5 → Wall paper mode 1-3 → normal play/reception mode

7 **RESET button** (Location behind the front panel) 4

8 **Disc slot** 6
To insert the disc.

9 **Display window**

10 **⏏ (eject)/ANGLE button** 7
To eject the disc/slide down the front panel (press); angle the front panel in 3 positions (press and hold).

11 **(front panel release) button** 5

12 **SOURCE button**
To power on; change the source (Radio/CD/MD*1/AUX/SAT*2).

13 **LIST button** 11, 14
To list up.

14 **DSPL (display) button** 10
To change display items.

15 **Number buttons**
CD/MD*1:
①: **REP** 10, 14
②: **SHUF** 10, 14
③/④: **GP*4/ALBM***5 –/+
To skip albums (press); skip albums continuously (press and hold).*6
⑤: **BBE MP** 2
To activate the BBE MP function, set "BBE MP on." To cancel, set "BBE MP off."
⑥: **PAUSE***7
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

16 **SCRL (scroll) button** 10
To scroll the display item.

17 **OFF button**
To power off; stop the source.

18 **AUX input jack** 13
To connect a portable audio device.

The following buttons on the card remote commander have also different buttons/functions from the unit. Remove the insulation film before use (page 4).

19 **ENTER button**
To complete a setting.

20 **←/→ (SEEK –/+) buttons**
CD/MD*1:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); fast-forward/reverse a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).

21 **VOL (volume) +/– button**
To adjust volume.

22 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

23 **SOUND button**
To enter sound setting.

24 **LIST/CAT*2 button** 11, 14
To list up.

25 **↑/↓ (+/–) buttons**
To select preset stations/skip groups (press); skip groups continuously (press and hold).

26 **Number buttons**
CD/MD*1:
①: **REP** 10, 14
②: **SHUF** 10, 14
⑥: **PAUSE***7
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

*1 *When an MD changer is connected.*
*2 *When the SAT tuner is connected.*
*3 *When a CD/MD changer is connected.*
*4 *When an ATRAC CD is played.*
*5 *When an MP3/WMA/AAC is played.*
*6 *If the changer is connected, the operation is different, see page 14.*
*7 *When playing back on this unit.*

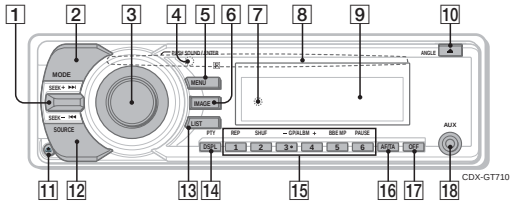
Note
If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.

Tip
For details on how to replace the battery, see "Replacing the lithium battery of the card remote commander" on page 17.

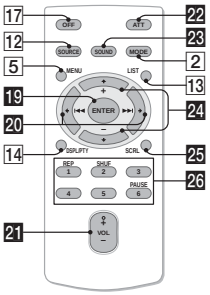
• CDX-GT710: AEP, UK model

Location of controls and basic operations

Main unit



Card remote commander RM-X154



Refer to the pages listed for details. The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **SEEK +/– control**
CD/MD*1:
To skip tracks (press up/down); skip tracks continuously (press up/down, then press up/down again within about 1 second and hold); reverse/fast-forward a track (press up/down and hold).
Radio:
To tune in stations automatically (press up/down); find a station manually (press up/down and hold).

2 **MODE button** 10, 15
To select the radio band (FM/MW/LW); select the unit*2.

3 **Volume control dial**
To adjust volume.

SOUND button
To enter sound setting.

ENTER button
To apply a menu setting.

4 **Receptor for the card remote commander**

5 **MENU button**
To enter menu.

6 **IMAGE button**
To select the display image.
Movie mode 1-3 → Spectrum analyzer mode 1-5 → Wall paper mode 1-3 → normal play/reception mode

7 **RESET button** (Location behind the front panel) 4

8 **Disc slot** 6
To insert the disc.

9 **Display window**

10 **⏏ (eject)/ANGLE button** 7
To eject the disc/slide down the front panel (press); angle the front panel in 3 positions (press and hold).

11 **(front panel release) button** 5

12 **SOURCE button**
To power on; change the source (Radio/CD/MD*1/AUX).

13 **LIST button** 11, 15
To list up.

14 **DSPL (Display)/PTY (Program Type) button** 12
To change display items/select PTY in RDS.

15 **Number buttons**
CD/MD*1:
①: **REP** 10, 15
②: **SHUF** 10, 15
③/④: **GP***3**/ALBM***4 –/+
To skip albums (press); skip albums continuously (press and hold).*5
⑤: **BBE MP** 2
To activate the BBE MP function, set "BBE MP on." To cancel, set "BBE MP off."
⑥: **PAUSE***6
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

16 **AF (Alternative Frequencies)/TA (Traffic Announcement) button** 11
To set AF and TA in RDS.

17 **OFF button**
To power off; stop the source.

18 **AUX input jack** 14
To connect a portable audio device.

The following buttons on the card remote commander have also different buttons/functions from the unit. Remove the insulation film before use (page 4).

19 **ENTER button**
To complete a setting.

20 **←/→ (SEEK –/+) buttons**
CD/MD*1:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); fast-forward/reverse a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).

21 **VOL (volume) +/– button**
To adjust volume.

22 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

23 **SOUND button**
To enter sound setting.

24 **↑/↓ (+/–) buttons**
To select preset stations/skip groups (press); skip groups continuously (press and hold).

25 **SCRL (scroll) button** 10
To scroll the display item.

26 **Number buttons**
CD/MD*1:
①: **REP** 10, 15
②: **SHUF** 10, 15
⑥: **PAUSE***6
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

*1 *When an MD changer is connected.*
*2 *When a CD/MD changer is connected.*
*3 *When an ATRAC CD is played.*
*4 *When an MP3/WMA/AAC is played.*
*5 *If the changer is connected, the operation is different, see page 15.*
*6 *When playing back on this unit.*

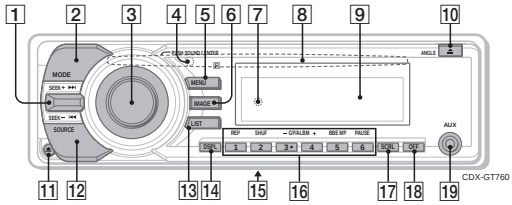
Note
If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.

Tip
For details on how to replace the battery, see "Replacing the lithium battery of the card remote commander" on page 18.

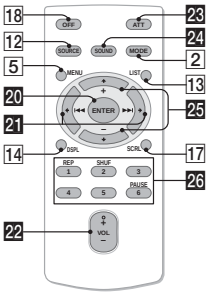
• CDX-GT760

Location of controls and basic operations

Main unit



Card remote commander RM-X156



Refer to the pages listed for details. The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **SEEK +/– control**
CD/MD*1:
To skip tracks (press up/down); skip tracks continuously (press up/down, then press up/down again within about 1 second and hold); reverse/fast-forward a track (press up/down and hold).
Radio:
To tune in stations automatically (press up/down); find a station manually (press up/down and hold).

2 **MODE button** 10, 13
To select the radio band (FM/AM); select the unit*2.

3 **Volume control dial**
To adjust volume.

SOUND button
To enter sound setting.

ENTER button
To apply a menu setting.

4 **Receptor for the card remote commander**

5 **MENU button**
To enter menu.

6 **IMAGE button**
To select the display image.
Movie mode 1-3 → Spectrum analyzer mode 1-5 → Wall paper mode 1-3 → normal play/reception mode

7 **RESET button** (Location behind the front panel) 4

8 **Disc slot** 6
To insert the disc.

9 **Display window**

10 **⏏ (eject)/ANGLE button** 7
To eject the disc/slide down the front panel (press); angle the front panel in 3 positions (press and hold).

11 **(front panel release) button** 5

12 **SOURCE button**
To power on; change the source (Radio/CD/MD*1/AUX).

13 **LIST button** 11, 14
To list up.

14 **DSPL (display) button** 10
To change display items.

15 **Frequency select switch** (located on the bottom of the unit)
See "Frequency select switch" in the supplied installation/connections manual.

16 **Number buttons**
CD/MD*1:
①: **REP** 10, 14
②: **SHUF** 10, 14
③/④: **GP***3**/ALBM***4 –/+
To skip albums (press); skip albums continuously (press and hold).*5
⑤: **BBE MP** 2
To activate the BBE MP function, set "BBE MP on." To cancel, set "BBE MP off."
⑥: **PAUSE***6
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

17 **SCRL (scroll) button** 10
To scroll the display item.

18 **OFF button**
To power off; stop the source.

19 **AUX input jack** 13
To connect a portable audio device.

The following buttons on the card remote commander have also different buttons/functions from the unit. Remove the insulation film before use (page 4).

20 **ENTER button**
To complete a setting.

21 **←/→ (SEEK –/+) buttons**
CD/MD*1:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); fast-forward/reverse a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).

22 **VOL (volume) +/– button**
To adjust volume.

23 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

24 **SOUND button**
To enter sound setting.

25 **↑/↓ (+/–) buttons**
To select preset stations/skip groups (press); skip groups continuously (press and hold).

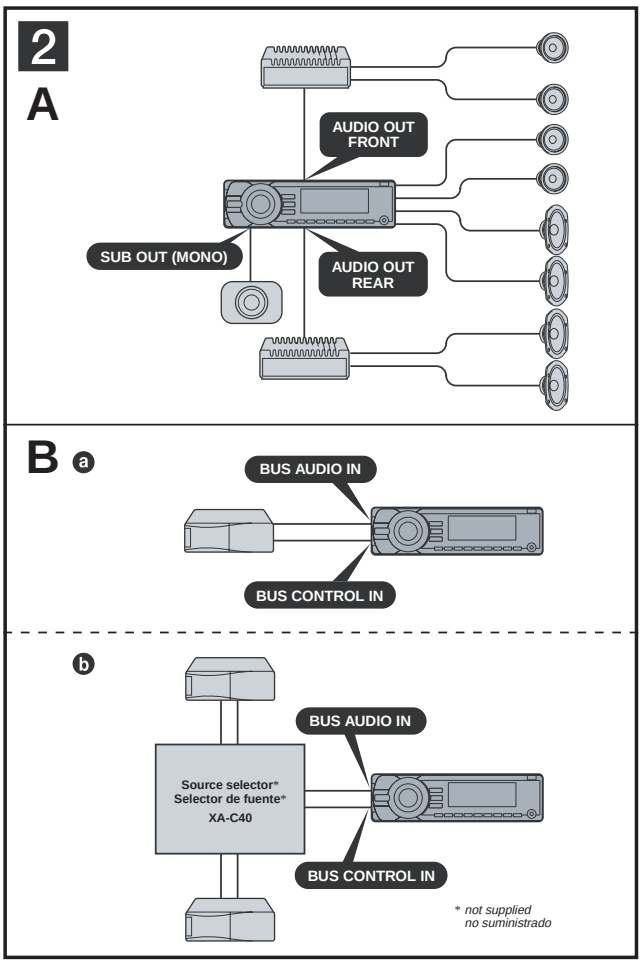
26 **Number buttons**
CD/MD*1:
①: **REP** 10, 14
②: **SHUF** 10, 14
⑥: **PAUSE***6
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

*1 *When an MD changer is connected.*
*2 *When a CD/MD changer is connected.*
*3 *When an ATRAC CD is played.*
*4 *When an MP3/WMA/AAC is played.*
*5 *If the changer is connected, the operation is different, see page 14.*
*6 *When playing back on this unit.*

Note
If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.

Tip
For details on how to replace the battery, see "Replacing the lithium battery of the card remote commander" on page 17.

• CONNECTIONS
• CDX-GT71W



Connection example 2

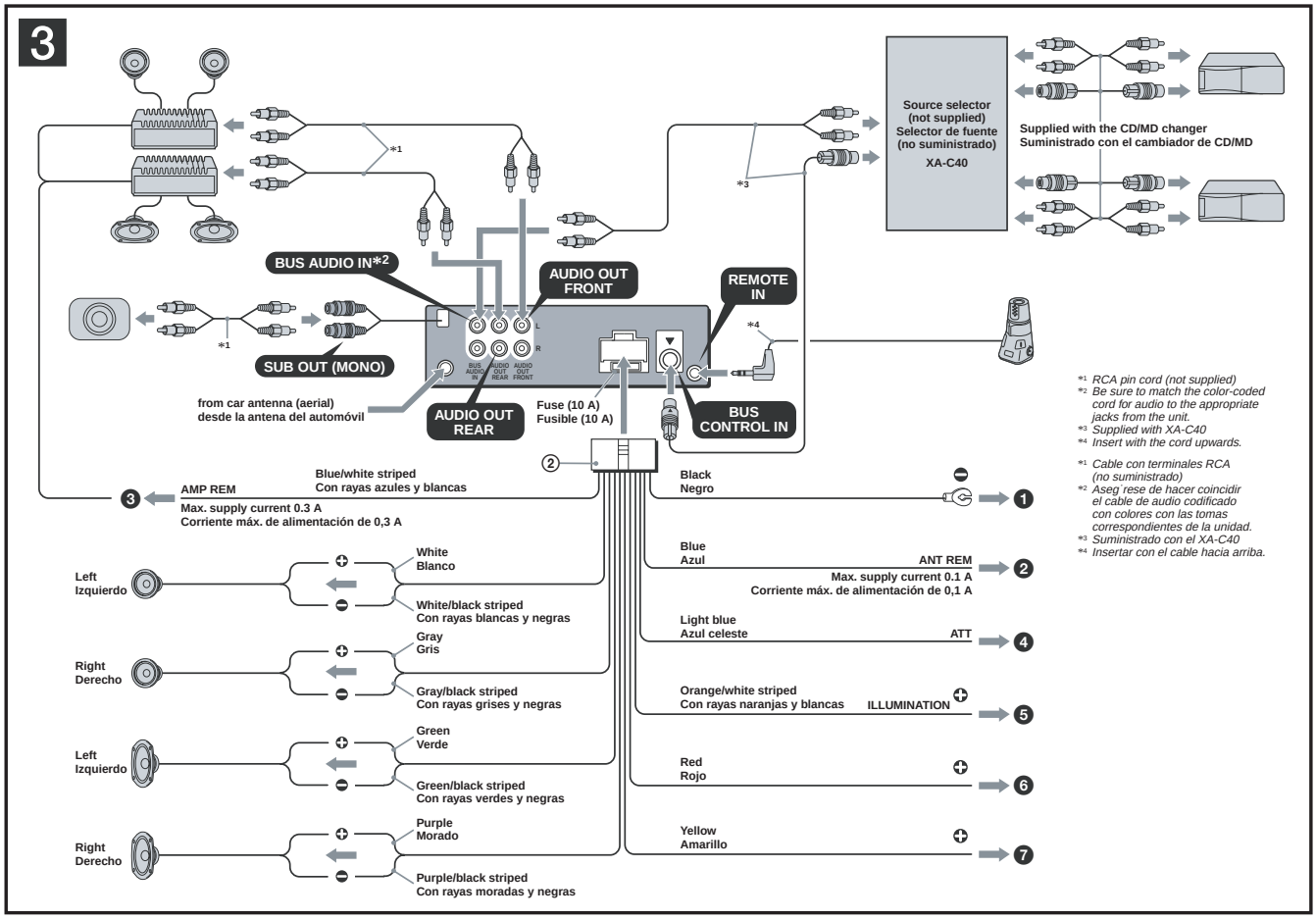
Notes **(2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

Tip **(2-B-b)**
For connecting two or more CD/MD changers, the source selector XA-C40 (not supplied) is necessary.

Ejemplo de conexiones 2

Notas **(2-A)**
- *Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador.*
- *La alarma sonará únicamente si se utiliza el amplificador incorporado.*

Sugerencia **(2-B-b)**
Si desea conectar dos o más cambiadores de CD/MD, necesitará el selector de fuente XA-C40 (no suministrado).



*1 RCA pin cord (not supplied)
*2 Be sure to match the color-coded cord for audio to the appropriate jacks from the unit.
*3 Supplied with XA-C40
*4 Insert with the cord upwards.

*1 Cable con terminales RCA (no suministrado)
*2 Aseg rese de hacer coincidir el cable de audio codificado con colores con las tomas correspondientes de la unidad.
*3 Suministrado con el XA-C40
*4 Insertar con el cable hacia arriba.

Connection diagram 3

❶ **To a metal surface of the car**
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.

❷ **To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster**
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❸ **To AMP REMOTE IN of an optional power amplifier**
This connection is only for amplifiers. Connecting any other system may damage the unit.

❹ **To the interface cable of a car telephone**

❺ **To a car's illumination signal**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

❻ **To the +12 V power terminal which is energized in the accessory position of the ignition switch**
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❼ **To the +12 V power terminal which is energized at all times**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Diagrama de conexión 3

❶ **A una superficie metálica del automóvil**
Conecte primero el cable de conexión a masa negro, y después los cables amarillo, y rojo de fuente de alimentación.

❷ **Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena**
Notas
- *Si no se dispone de antena motorizada ni de amplificador de antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.*
- *Si el automóvil incorpora una antena de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❸ **A AMP REMOTE IN de un amplificador de potencia opcional**
Esta conexión es sólo para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.

❹ **Al cable de interfaz de un teléfono para automóvil**

❺ **A una señal de iluminación del automóvil**
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

❻ **Al terminal de alimentación de +12 V que recibe energía en la posición de accesorio del interruptor de encendido**
Notas
- *Si no hay posición de accesorio, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción.*
  Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- *Si el automóvil incorpora una antena de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❼ **Al terminal de alimentación de +12 V que recibe energía sin interrupción**
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

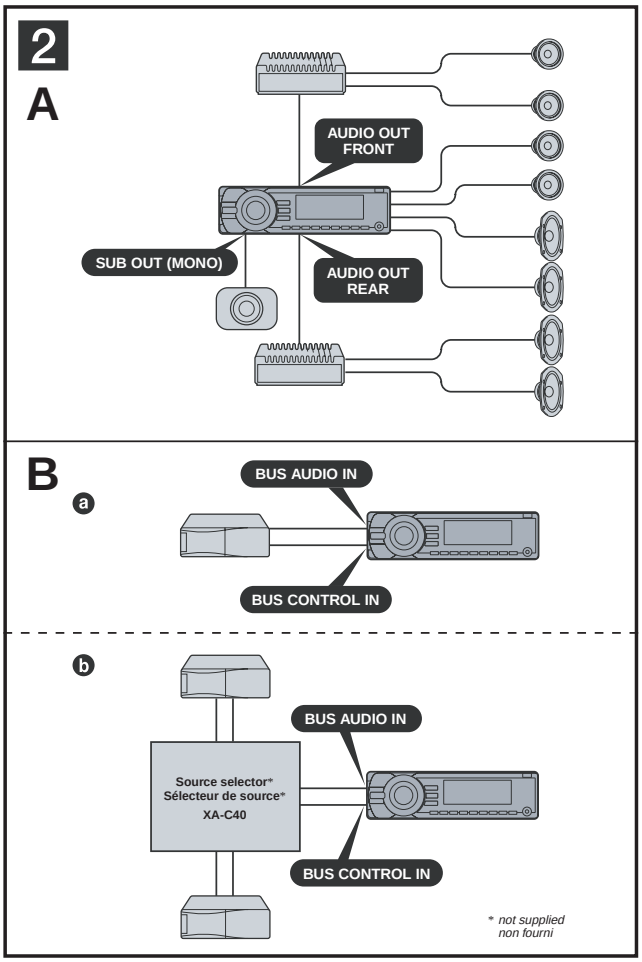
Notas sobre los cables de control y de fuente de alimentación
- *El cable de control de la antena motorizada (azul) suministrar· cc de + 12 V cuando conecte la alimentación del sintonizador.*
- *Si el automóvil dispone de una antena de FM/AM incorporada en el cristal trasero o lateral, conecte el cable de control de antena motorizada (azul) o el cable de fuente de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de antena existente. Para obtener más información, consulte a su distribuidor.*
- *Con esta unidad no es posible utilizar una antena motorizada sin caja de relé.*

Conexión para protección de la memoria
Si conecta el cable de fuente de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de encendido.

Notas sobre la conexión de los altavoces
- *Antes de conectar los altavoces, desconecte la alimentación de la unidad.*
- *Utilice altavoces con una impedancia de 4 a 8 Ω con la capacidad de potencia adecuada para evitar que se dañen.*
- *No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.*
- *No conecte el cable de conexión a masa de esta unidad al terminal negativo (–) del altavoz.*
- *No intente conectar los altavoces en paralelo.*
- *Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores incorporados) a los terminales de altavoz, puede dañar la unidad.*
- *Para evitar fallas de funcionamiento, no utilice los cables de altavoz incorporados instalados en el automóvil si su unidad comparte un cable negativo común (–) para los altavoces derecho e izquierdo.*
- *No conecte los cables de altavoz de la unidad entre sí.*

Nota sobre la conexión
Si el altavoz y el amplificador no están conectados correctamente, aparecerá "FAILURE" en la pantalla. Si es así, compruebe la conexión del altavoz y el amplificador.

• CDX-GT710: US, Canadian model



Connection example 2

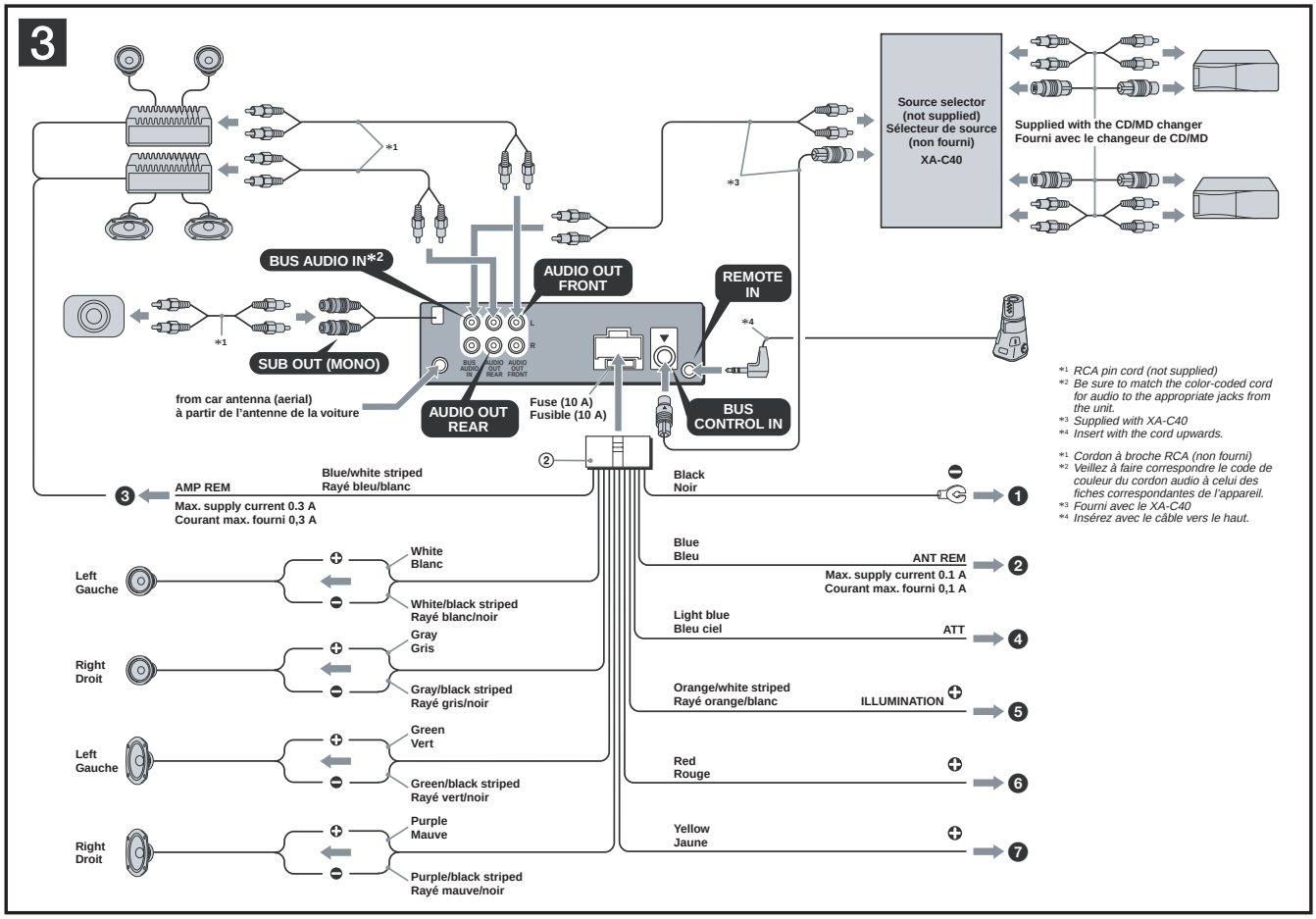
***Notes* (2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

***Tip* (2-B-ⓑ)**
For connecting two or more CD/MD changers, the source selector XA-C40 (not supplied) is necessary.

Exemple de raccordement 2

***Remarques* (2-A)**
- *Raccordez d'abord le câble de mise à la masse avant de raccorder l'amplificateur.*
- *L'alarme est émise uniquement lorsque l'amplificateur intégré est utilisé.*

***Conseil* (2-B-ⓑ)**
Dans le cas du raccordement de deux changeurs de CD/MD ou plus, le sélecteur de source XA-C40 (non fourni) est requis.



*1 RCA pin cord (not supplied)
*2 Be sure to match the color-coded cord for audio to the appropriate jacks from the unit.
*3 Supplied with XA-C40
*4 Insert with the cord upwards.

*1 Cordon à broche RCA (non fourni)
*2 Veillez à faire correspondre le code de couleur du cordon audio à celui des fiches correspondantes de l'appareil.
*3 Fourni avec le XA-C40
*4 Insérez avec le câble vers le haut.

Connection diagram 3

❶ **To a metal surface of the car**
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.

❷ **To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster**
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❸ **To AMP REMOTE IN of an optional power amplifier**
This connection is only for amplifiers. Connecting any other system may damage the unit.

❹ **To the interface cable of a car telephone**

❺ **To a car's illumination signal**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

❻ **To the +12 V power terminal which is energized in the accessory position of the ignition switch**
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❼ **To the +12 V power terminal which is energized at all times**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Schéma de raccordement 3

❶ **Vers un point métallique de la voiture**
Branchez d'abord le câble de mise à la masse noir et, ensuite, les câbles d'alimentation jaune et rouge.

❷ **Vers le câble de commande d'antenne électrique ou le câble d'alimentation de l'amplificateur d'antenne**
Remarques
- *Il n'est pas nécessaire de raccorder ce câble s'il n'y a pas d'antenne électrique ni d'amplificateur d'antenne, ou avec une antenne télescopique manuelle.*
- *Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, voir « Remarques sur les câbles de commande et d'alimentation ».*

❸ **Vers AMP REMOTE IN de l'amplificateur de puissance en option**
Ce raccordement s'applique uniquement aux amplificateurs. Le branchement de tout autre système risque d'endommager l'appareil.

❹ **Vers le cordon de liaison d'un téléphone de voiture**

❺ **Vers le connecteur du signal d'éclairage de la voiture**
Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.

❻ **Vers la borne d'alimentation +12 V qui est alimentée quand la clé de contact est sur la position accessoires**
Remarques
- *S'il n'y a pas de position accessoires, raccordez la borne d'alimentation (batterie) +12 V qui est alimentée en permanence.*
  Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.
- *Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, voir « Remarques sur les câbles de commande et d'alimentation ».*

❼ **Vers la borne d'alimentation +12 V qui est alimentée en permanence**
Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.

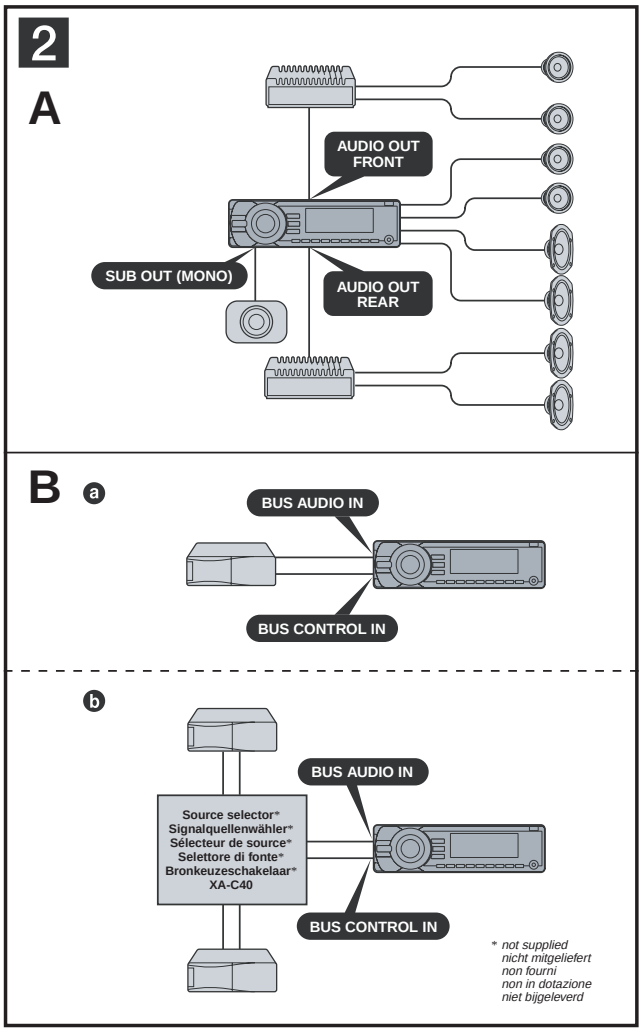
Remarques sur les câbles de commande et d'alimentation
- *Le câble de commande d'antenne électrique (bleu) fournit une alimentation de + 12 V CC lorsque vous mettez la radio sous tension.*
- *Lorsque votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, raccordez le câble de commande d'antenne (bleu) ou le câble d'alimentation d'alimentation des accessoires (rouge) à la borne d'alimentation de l'amplificateur d'antenne existant. Pour plus de détails, consultez votre détaillant.*
- *Une antenne électrique sans boîtier de relais ne peut pas être utilisée avec cet appareil.*

Raccordement pour la conservation de la mémoire
Lorsque le câble d'alimentation jaune est raccordé, le circuit de la mémoire est alimenté en permanence même si la clé de contact est sur la position d'arrêt.

Remarques sur le raccordement des haut-parleurs
- *Avant de raccorder les haut-parleurs, mettez l'appareil hors tension.*
- *Utilisez des haut-parleurs ayant une impédance de 4 à 8 ohms avec une capacité électrique adéquate pour éviter de les endommager.*
- *Ne raccordez pas les bornes du système de haut-parleurs au châssis de la voiture et ne raccordez pas les bornes des haut-parleurs droit à celles du haut-parleur gauche.*
- *Ne raccordez pas le câble de mise à la masse de cet appareil à la borne négative (–) du haut-parleur.*
- *N'essayez pas de raccorder les haut-parleurs en parallèle.*
- *Raccordez uniquement des haut-parleurs passifs. Le raccordement de haut-parleurs actifs (avec amplificateurs intégrés) aux bornes des haut-parleurs peut endommager l'appareil.*
- *Pour éviter tout problème de fonctionnement, n'utilisez pas les câbles des haut-parleurs intégrés installés dans votre voiture si l'appareil possède un câble négatif commun (–) pour les haut-parleurs droit et gauche.*
- *Ne raccordez pas entre eux les cordons des haut-parleurs de l'appareil.*

Remarque sur le raccordement
Si les haut-parleurs et l'amplificateur ne sont pas raccordés correctement, le message « FAILURE » s'affiche. Dans ce cas, assurez-vous que les haut-parleurs et l'amplificateur sont bien raccordés.

• CDX-GT710: AEP, UK model



Connection example 2

Notes **(2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

Tip **(2-B-b)**
For connecting two or more CD/MD changers, the source selector XA-C40 (not supplied) is necessary.

Anschlussbeispiel 2

Hinweise **(2-A)**
- *Schließen Sie unbedingt zuerst das Massekabel an, bevor Sie den Verstärker anschließen.*
- *Der Warnton wird nur ausgegeben, wenn der integrierte Verstärker verwendet wird.*

Tipp **(2-B-b)**
Zum Anschließen von zwei oder mehr CD/MD-Wechslern wird der Signalquellenwähler XA-C40 (nicht mitgeliefert) benötigt.

Exemple de raccordement 2

Remarques **(2-A)**
- *Raccordez d'abord le câble de mise à la masse avant de connecter l'amplificateur.*
- *L'alarme est émise uniquement lorsque l'amplificateur intégré est utilisé.*

Conseil **(2-B-b)**
Dans le cas du raccordement de deux changeurs de CD/MD ou plus, le sélecteur de source XA-C40 (non fourni) est indispensable.

Esempio di collegamento 2

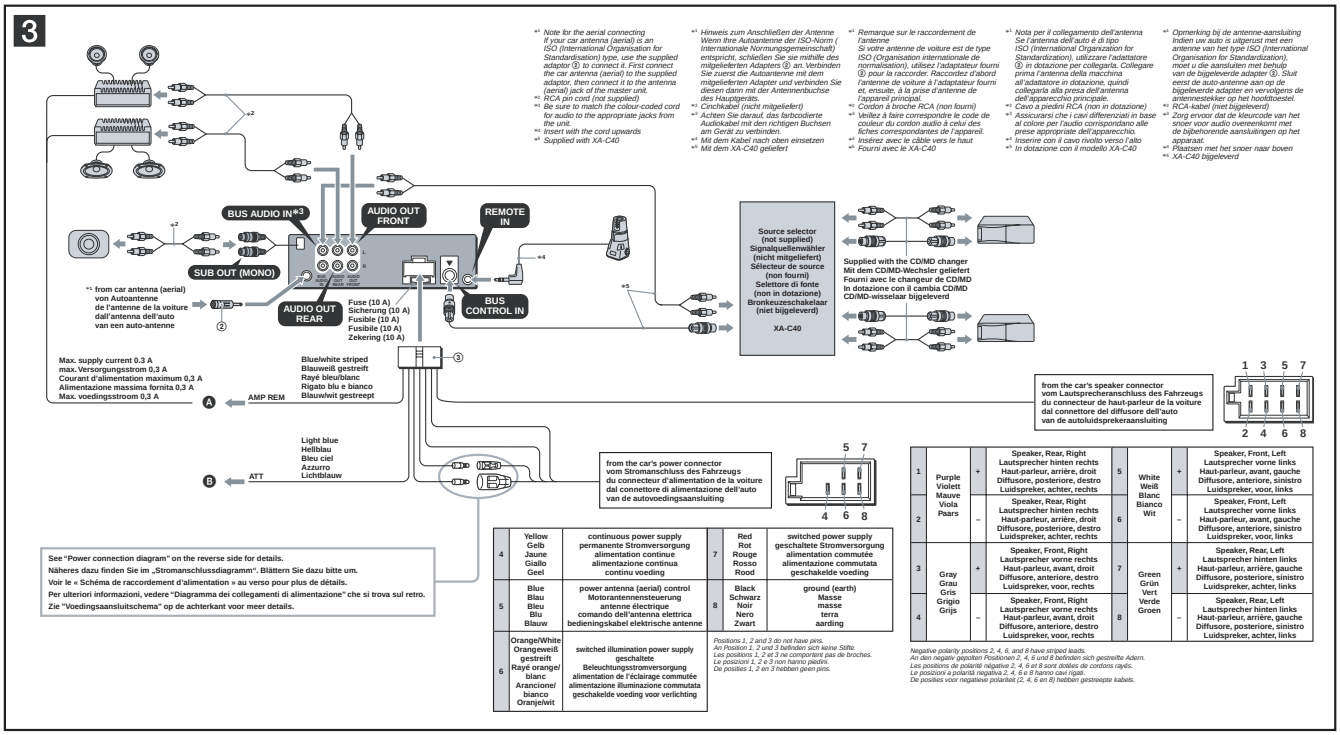
Note **(2-A)**
- *Assicurarsi di collegare il cavo di terra prima di collegare l'apparecchio all'amplificatore.*
- *L'allarme viene emesso solo se è in uso l'amplificatore incorporato.*

Suggerimento **(2-B-b)**
Per collegare due o più cambia CD/MD, occorre utilizzare il selettore di fonte XA-C40 (non in dotazione).

Voorbeeldaansluitingen 2

Opmerkingen **(2-A)**
- *Sluit eerst de aarddraad aan voordat u de versterker aansluit.*
- *U hoort de pieptoon alleen als de ingebouwde versterker wordt gebruikt.*

Tip **(2-B-b)**
Om twee of meer CD/MD-wisselaars aan te sluiten, hebt u de bronkeuzeschakelaar XA-C40 (niet bijgeleverd) nodig.


3
BUS AUDIO IN
AUDIO OUT FRONT
REMOTE IN
SUB OUT (MONO)
AUDIO OUT REAR
BUS CONTROL IN
Fuse (10 A)
Sicherung (10 A)
Fusible (10 A)
Fusibile (10 A)
Zekering (10 A)
Source selector (not supplied)
Signalquellenwähler (nicht mitgeliefert)
Sélecteur de source (non fourni)
Selettore di fonte (non in dotazione)
Bronkeuzeschakelaar (niet bijgeleverd)
XA-C40
Supplied with the CD/MD changer
Mit dem CD/MD-Wechsler geliefert
Fourni avec le changeur de CD/MD
In dotazione con il cambia CD/MD
CD/MD-wisselaar bijgeleverd
Max. supply current 0,3 A
max. Versorgungsstrom 0,3 A
Courant d'alimentation maximum 0,3 A
Alimentazione massima fornita 0,3 A
Max. voedingsstroom 0,3 A
AMP REM
Blue/white striped
Blauweiß gestreift
Rayé bleu/blanc
Rigato blu e bianco
Blauw/wit gestreept
ATT
Light blue
Hellblau
Bleu ciel
Azzurro
Lichtblauw
from the car's speaker connector
vom Lautsprecheranschluss des Fahrzeugs
du connecteur de haut-parleur de la voiture
dal connettore del diffusore dell'auto
van de autoluidsprekeraansluiting
from the car's power connector
vom Stromanschluss des Fahrzeugs
du connecteur d'alimentation de la voiture
dal connettore di alimentazione dell'auto
van de autovoedingsaansluiting
See "Power connection diagram" on the reverse side for details.
Näheres dazu finden Sie im „Stromanschlussdiagramm". Blättern Sie dazu bitte um.
Voir le « Schéma de raccordement d'alimentation » au verso pour plus de détails.
Per ulteriori informazioni, vedere "Diagramma dei collegamenti di alimentazione" che si trova sul retro.
Zie "Voedingsaansluitschema" op de achterkant voor meer details.

4	Yellow Gelb Jaune Giallo Geel	continuous power supply permanente Stromversorgung alimentation continue alimentazione continua continu voeding	
5	Blue Blau Bleu Blu Blauw	power antenna (aerial) control Motorantennensteuerung antenne électrique comando dell'antenna elettrica bedieningskabel elektrische antenne	
6	Orange/White Orangeweiß gestreift Rayé orange/blanc Arancione/bianco Oranje/wit	switched illumination power supply geschaltete Beleuchtungsstromversorgung alimentation de l'éclairage commutée alimentazione illuminazione commutata geschakelde voeding voor verlichting	
7	Red Rot Rouge Rosso Rood	switched power supply geschaltete Stromversorgung alimentation commutée alimentazione commutata geschakelde voeding	
8	Black Schwarz Noir Nero Zwart	ground (earth) Masse masse terra aarding	

Positions 1, 2 and 3 do not have pins.
An Position 1, 2 und 3 befinden sich keine Stifte.
Les positions 1, 2 et 3 ne comportent pas de broches.
Le posizioni 1, 2 e 3 non hanno piedini.
De posities 1, 2 en 3 hebben geen pins.

1	Purple Violett Mauve Viola Paars	+	Speaker, Rear, Right Lautsprecher hinten rechts Haut-parleur, arrière, droit Diffusore, posteriore, destro Luidspreker, achter, rechts	5	White Weiß Blanc Bianco Wit	+	Speaker, Front, Left Lautsprecher vorne links Haut-parleur, avant, gauche Diffusore, anteriore, sinistro Luidspreker, voor, links
2		–	Speaker, Rear, Right Lautsprecher hinten rechts Haut-parleur, arrière, droit Diffusore, posteriore, destro Luidspreker, achter, rechts	6		–	Speaker, Front, Left Lautsprecher vorne links Haut-parleur, avant, gauche Diffusore, anteriore, sinistro Luidspreker, voor, links
3	Gray Grau Gris Grigio Grijs	+	Speaker, Front, Right Lautsprecher vorne rechts Haut-parleur, avant, droit Diffusore, anteriore, destro Luidspreker, voor, rechts	7	Green Grün Vert Verde Groen	+	Speaker, Rear, Left Lautsprecher hinten links Haut-parleur, arrière, gauche Diffusore, posteriore, sinistro Luidspreker, achter, links
4		–	Speaker, Front, Right Lautsprecher vorne rechts Haut-parleur, avant, droit Diffusore, anteriore, destro Luidspreker, voor, rechts	8		–	Speaker, Rear, Left Lautsprecher hinten links Haut-parleur, arrière, gauche Diffusore, posteriore, sinistro Luidspreker, achter, links

Negative polarity positions 2, 4, 6, and 8 have striped leads.
An den negativ gepolten Positionen 2, 4, 6 und 8 befinden sich gestreifte Adern.
Les positions de polarité négative 2, 4, 6 et 8 sont dotées de cordons rayés.
Le posizioni a polarità negativa 2, 4, 6 e 8 hanno cavi rigati.
De posities voor negatieve polariteit (2, 4, 6 en 8) hebben gestreepte kabels.

*1 Note for the aerial connecting
If your car antenna (aerial) is an ISO (International Organisation for Standardisation) type, use the supplied adaptor Ⓒ to connect it. First connect the car antenna (aerial) to the supplied adaptor, then connect it to the antenna (aerial) jack of the master unit.
*2 RCA pin cord (not supplied)
*3 Be sure to match the colour-coded cord for audio to the appropriate jacks from the unit.
*4 Insert with the cord upwards
*5 Supplied with XA-C40

*1 Hinweis zum Anschließen der Antenne
Wenn Ihre Autoantenne der ISO-Norm (Internationale Normungsgemeinschaft) entspricht, schließen Sie sie mithilfe des mitgelieferten Adapters Ⓒ an. Verbinden Sie zuerst die Autoantenne mit dem mitgelieferten Adapter und verbinden Sie diesen dann mit der Antennenbuchse des Hauptgeräts.
*2 Cinchkabel (nicht mitgeliefert)
*3 Achten Sie darauf, das farbcodierte Audiokabel mit den richtigen Buchsen am Gerät zu verbinden.
*4 Mit dem Kabel nach oben einsetzen
*5 Mit dem XA-C40 geliefert

*1 Remarque sur le raccordement de l'antenne
Si votre antenne de voiture est de type ISO (Organisation internationale de normalisation), utilisez l'adaptateur fourni Ⓒ pour la raccorder. Raccordez d'abord l'antenne de voiture à l'adaptateur fourni et, ensuite, à la prise d'antenne de l'appareil principal.
*2 Cordon à broche RCA (non fourni)
*3 Veillez à faire correspondre le code de couleur du cordon audio à celui des fiches correspondantes de l'appareil.
*4 Insérez avec le câble vers le haut
*5 Fourni avec le XA-C40

*1 Nota per il collegamento dell'antenna
Se l'antenna dell'auto è di tipo ISO (International Organization for Standardization), utilizzare l'adattatore Ⓒ in dotazione per collegarla. Collegare prima l'antenna della macchina all'adattatore in dotazione, quindi collegarla alla presa dell'antenna dell'apparecchio principale.
*2 Cavo a piedini RCA (non in dotazione)
*3 Assicurarsi che i cavi differenziati in base al colore per l'audio corrispondano alle prese appropriate dell'apparecchio.
*4 Inserire con il cavo rivolto verso l'alto
*5 In dotazione con il modello XA-C40

*1 Opmerking bij de antenne-aansluiting
Indien uw auto is uitgerust met een antenne van het type ISO (International Organisation for Standardization), moet u die aansluiten met behulp van de bijgeleverde adapter Ⓒ. Sluit eerst de auto-antenne aan op de bijgeleverde adapter en vervolgens de antennesteekker op het hoofdtoestel.
*2 RCA-kabel (niet bijgeleverd)
*3 Zorg ervoor dat de kleurcode van het snoer voor audio overeenkomt met de bijbehorende aansluitingen op het apparaat.
*4 Plaatsen met het snoer naar boven
*5 XA-C40 bijgeleverd

Connection diagram 3

Ⓐ **To AMP REMOTE IN of an optional power amplifier**
This connection is only for amplifiers. Connecting any other system may damage the unit.

Ⓑ **To the interface cable of a car telephone**

Warning

If you have a power antenna (aerial) without a relay box, connecting this unit with the supplied power connecting lead Ⓘ may damage the antenna (aerial).

Notes on the control power and suppy leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner, or when you activate the AF (Alternative Frequency) or TA (Traffic Announcement) function.*
- *When your car has built-in FM/MW/LW antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Anschlussdiagramm 3

Ⓐ **An AMP REMOTE IN des gesondert erhältlichen Endverstärkers**
Dieser Anschluss ist ausschließlich für Verstärker gedacht. Schließen Sie nichts anderes daran an. Andernfalls kann das Gerät beschädigt werden.

Ⓑ **An Schnittstellenkabel eines Autotelefons**

Warnung

Wenn Sie eine Motorantenne ohne Relaiskästchen verwenden, kann durch Anschließen dieses Geräts mit dem mitgelieferten Stromversorgungskabel Ⓘ die Antenne beschädigt werden.

Hinweise zu den Steuer- und Stromversorgungsleitungen
- *Die Motorantennen-Steuerleitung (blau) liefert +12 V Gleichstrom, wenn Sie den Tuner einschalten oder die AF- (Alternativfrequenzsuche) oder die TA-Funktion (Verkehrsdurchsagen) aktivieren.*
- *Wenn das Fahrzeug mit einer in der Heck-/Seitenfensterscheibe integrierten FM (UKW)/MW/LW-Antenne ausgestattet ist, schließen Sie die Motorantennen-Steuerleitung (blau) oder die Zubehörstromversorgungsleitung (rot) an den Stromversorgungsanschluss des vorhandenen Antennenverstärkers an. Näheres dazu erfahren Sie bei Ihrem Händler.*
- *Es kann nur eine Motorantenne mit Relaiskästchen angeschlossen werden.*

Stromversorgung des Speichers
Wenn die gelbe Stromversorgungsleitung angeschlossen ist, wird der Speicher stets (auch bei ausgeschalteter Zündung) mit Strom versorgt.

Hinweise zum Lautsprecheranschluss
- *Schalten Sie das Gerät aus, bevor Sie die Lautsprecher anschließen.*
- *Verwenden Sie Lautsprecher mit einer Impedanz zwischen 4 und 8 Ohm und ausreichender Belastbarkeit. Ansonsten können die Lautsprecher beschädigt werden.*
- *Verbinden Sie die Lautsprecheranschlüsse nicht mit dem Wagenchassis und verbinden Sie auch nicht die Anschlüsse des rechten mit denen des linken Lautsprechers.*
- *Verbinden Sie die Masseleitung dieses Geräts nicht mit dem negativen (–) Lautsprecheranschluss.*
- *Versuchen Sie nicht, Lautsprecher parallel anzuschließen.*
- *An die Lautsprecheranschlüsse dieses Geräts dürfen nur Passivlautsprecher angeschlossen werden. Schließen Sie keine Aktivlautsprecher (Lautsprecher mit eingebauten Verstärkern) an, da das Gerät sonst beschädigt werden könnte.*
- *Um Fehlfunktionen zu vermeiden, verwenden Sie nicht die im Fahrzeug installierten, integrierten Lautsprecherleitungen, wenn am Ende eine gemeinsame negative (–) Leitung für den rechten und den linken Lautsprecher verwendet wird.*
- *Verbinden Sie nicht die Lautsprecherkabel des Geräts miteinander.*

Hinweis zum Anschließen
Wenn Lautsprecher und Verstärker nicht richtig angeschlossen sind, erscheint „FAILURE" im Display. Vergewissern Sie sich in diesem Fall, dass Lautsprecher und Verstärker richtig angeschlossen sind.

Schémas de raccordement 3

Ⓐ **Vers AMP REMOTE IN d'un amplificateur de puissance facultatif**
Ce raccordement est possible uniquement pour les amplificateurs. Le raccordement à tout autre système peut endommager l'appareil.

Ⓑ **Vers le cordon de liaison d'un téléphone de voiture**

Avertissement

Si vous disposez d'une antenne électrique sans boîtier de relais, le branchement de cet appareil au moyen du cordon d'alimentation fourni Ⓘ risque d'endommager l'antenne.

Remarques sur les câbles de commande et d'alimentation
- *Le câble de commande (bleu) fournit du courant continu de +12 V lorsque vous mettez le tuner sous tension ou lorsque vous activez la fonction AF (fréquence alternative) ou TA (messages de radioguidage).*
- *Si votre voiture est équipée d'une antenne FM/MW (GO)/LW (PO) intégrée dans la vitre arrière/latérale, raccordez le câble de commande d'antenne (bleu) ou le câble d'alimentation des accessoires (rouge) au bornier de l'amplificateur d'antenne existant. Pour plus de détails, consultez votre revendeur.*
- *Une antenne électrique sans boîtier de relais ne peut pas être utilisée avec cet appareil.*

Raccordement pour la conservation de la mémoire
Lorsque le câble de commande d'antenne jaune est connecté, le circuit de la mémoire est alimenté en permanence même si la clé de contact est en position d'arrêt.

Remarques sur le raccordement des haut-parleurs
- *Avant de raccorder les haut-parleurs, mettez l'appareil hors tension.*
- *Utilisez des haut-parleurs ayant une impédance de 4 à 8 ohms et une capacité adéquate sous peine de les endommager.*
- *Ne raccordez pas les bornes du système de haut-parleurs au châssis de la voiture ne connectez pas les bornes du haut-parleur droit à celles du haut-parleur gauche.*
- *Ne raccordez pas le câble de mise à la masse de cet appareil à la borne négative (–) du haut-parleur.*
- *Ne tentez pas de raccorder les haut-parleurs en parallèle.*
- *Raccordez uniquement des haut-parleurs passifs. Le raccordement de haut-parleurs actifs (avec des amplificateurs intégrés) aux bornes des haut-parleurs pourrait endommager l'appareil.*
- *Pour éviter tout problème de fonctionnement, n'utilisez pas les câbles des haut-parleurs intégrés installés dans votre voiture si l'appareil dispose d'un câble négatif commun (–) pour les haut-parleurs droit et gauche.*
- *Ne raccordez pas entre eux les cordons des haut-parleurs de l'appareil.*

Remarque sur le raccordement
Si les enceintes et l'amplificateur ne sont pas raccordés correctement, le message « FAILURE » s'affiche. Dans ce cas, assurez-vous que les enceintes et l'amplificateur sont raccordés correctement.

Schema di collegamento 3

Ⓐ **A AMP REMOTE IN di un amplificatore di potenza opzionale**
Questo collegamento è riservato esclusivamente agli amplificatori. Non collegare un tipo di sistema diverso onde evitare di causare danni all'apparecchio.

Ⓑ **Al cavo di interfaccia di un telefono per auto**

Avvertenza

Quando si collega l'apparecchio con il cavo di alimentazione in dotazione Ⓘ, si potrebbe danneggiare l'antenna elettrica se questa non dispone di scatola a relè.

Note sui cavi di controllo e di alimentazione
- *Il cavo (blu) di controllo dell'antenna elettrica fornisce alimentazione pari a +12 V CC quando si attiva il sintonizzatore oppure la funzione TA (notiziario sul traffico) o AF (frequenza alternativa).*
- *Se l'automobile è dotata di antenna FM/MW/LW incorporata nel vetro posteriore/laterale, collegare il cavo (blu) di controllo dell'antenna elettrica o il cavo (rosso) di ingresso dell'alimentazione accessoria al terminale di alimentazione del preamplificatore dell'antenna esistente. Per ulteriori informazioni, consultare il proprio fornitore.*
- *Non è possibile usare un'antenna elettrica senza scatola a relè con questo apparecchio.*

Collegamento per la conservazione della memoria
Quando il cavo di ingresso alimentazione giallo è collegato, viene sempre fornita alimentazione al circuito di memoria anche quando l'interruttore di accensione è spento.

Note sul collegamento dei diffusori
- *Prima di collegare i diffusori spegnere l'apparecchio.*
- *Usare diffusori di impedenza compresa tra 4 e 8 ohm e con capacità di potenza adeguata, altrimenti i diffusori potrebbero venire danneggiati.*
- *Non collegare i terminali del sistema diffusori al telaio dell'auto e non collegare i terminali del diffusore destro a quelli del diffusore sinistro.*
- *Non collegare il cavo di terra di questo apparecchio al terminale negativo (–) del diffusore.*
- *Non collegare i diffusori in parallelo.*
- *Assicurarsi di collegare soltanto diffusori passivi, poiché il collegamento di diffusori attivi, dotati di amplificatori incorporati, ai terminali dei diffusori potrebbe danneggiare l'apparecchio.*
- *Per evitare problemi di funzionamento, non utilizzare i cavi dei diffusori incorporati installati nell'automobile se l'apparecchio condivide un cavo comune negativo (–) per i diffusori destro e sinistro.*
- *Non collegare fra loro i cavi dei diffusori dell'apparecchio.*

Nota sui collegamenti
Se l'amplificatore e il diffusore non sono collegati correttamente, "FAILURE" viene visualizzato nel display. In tal caso, accertarsi che l'amplificatore e il diffusore siano collegati correttamente.

Aansluitschema 3

Ⓐ **Naar AMP REMOTE IN van een optionele versterker**
Deze aansluiting is alleen bedoeld voor versterkers. Door een ander systeem aan te sluiten kan het apparaat worden beschadigd.

Ⓑ **Naar het interface-snoer van een autotelefoon**

Waarschuwing

Indien u een elektrische antenne hebt zonder relaiskast, kan het aansluiten van dit apparaat met het bijgeleverde netsnoer Ⓘ de antenne beschadigen.

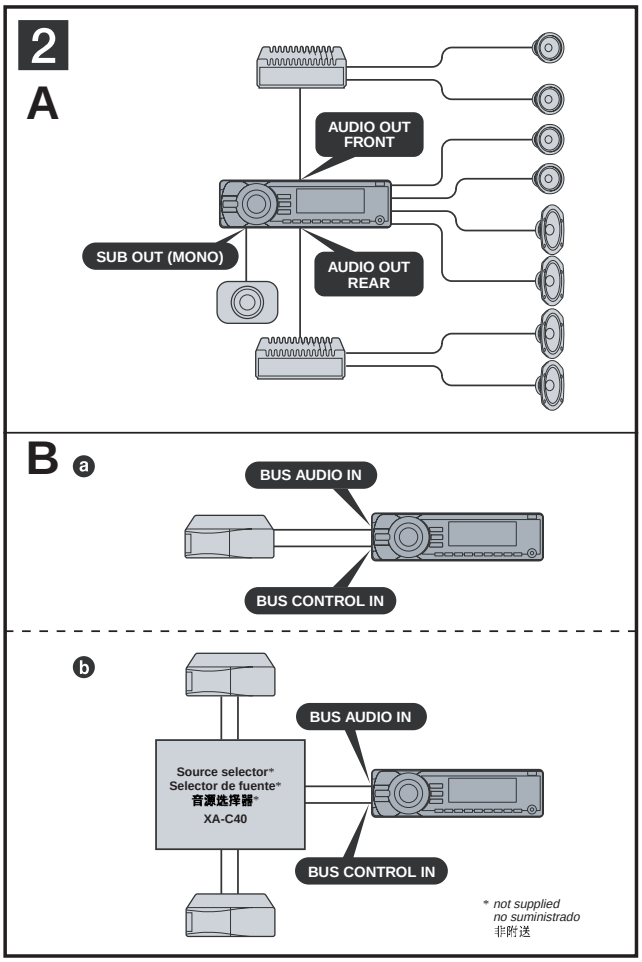
Opmerkingen over de bedienings- en voedingskabels
- *De bedieningskabel elektrische antenn (blauw) levert +12 V gelijkstroom wanneer u de tuner inschakelt of de AF (Alternative Frequency) of TA (Traffic Announcement) functie activeert.*
- *Wanneer uw auto is uitgerust met een FM/MW/LW-antenne in de achterruit/zijruit, moet u de bedieningskabel elektrische antenni (blauw) of de hulpvoedingskabel (rood) aansluiten op de voedingsingang van de bestaande antennreversterker. Raadpleeg uw dealer voor meer details.*
- *Met dit apparaat is het niet mogelijk een automatische antenne zonder relaiskast te gebruiken.*

Instandhouden van het geheugen
Zolang de gele stroomdraad is aangesloten, blijft de stroomvoorziening van het geheugen intact, ook wanneer het contact van de auto wordt uitgeschakeld.

Opmerkingen betreffende het aansluiten van de luidsprekers
- *Zorg dat het apparaat is uitgeschakeld, alvorens de luidsprekers aan te sluiten.*
- *Gebruik luidsprekers met een impedantie van 4 tot 8 Ohm en let op dat die het vermogen van de versterker kunnen verwerken. Als u dit niet doet, kunnen de luidsprekers ernstig beschadigd raken.*
- *Verbind in geen geval de aansluitingen van de luidsprekers met het chassis van de auto en sluit de aansluitingen van de rechter- en linkerluidsprekers niet op elkaar aan.*
- *Verbind de aarddraad van dit apparaat niet met de negatieve (–) aansluiting van de luidspreker.*
- *Probeer nooit de luidsprekers parallel aan te sluiten.*
- *Sluit geen actieve luidsprekers (met ingebouwde versterkers) aan op de luidsprekeraansluiting van dit apparaat. Dit zal leiden tot beschadiging van de actieve luidsprekers. Sluit dus altijd uitsluitend luidsprekers zonder ingebouwde versterker aan.*
- *Om defecten te vermijden mag u de bestaande luidsprekerbedrading in uw auto niet gebruiken wanneer er een gemeenschappelijke negatieve (–) draad is voor de rechter- en linkerluidsprekers.*
- *Verbind de luidsprekerdraden niet met elkaar.*

Opmerking over aansluiten
Als de luidspreker en versterker niet correct zijn aangesloten, wordt "FAILURE" in het display weergegeven. In dit geval moet u zorgen dat de luidspreker en versterker correct zijn aangesloten.

• **CDX-GT760**



Connection example 2

***Notes* (2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

***Tip* (2-B-ⓑ)**
For connecting two or more CD/MD changers, the source selector XA-C40 (not supplied) is necessary.

Ejemplo de conexiones 2

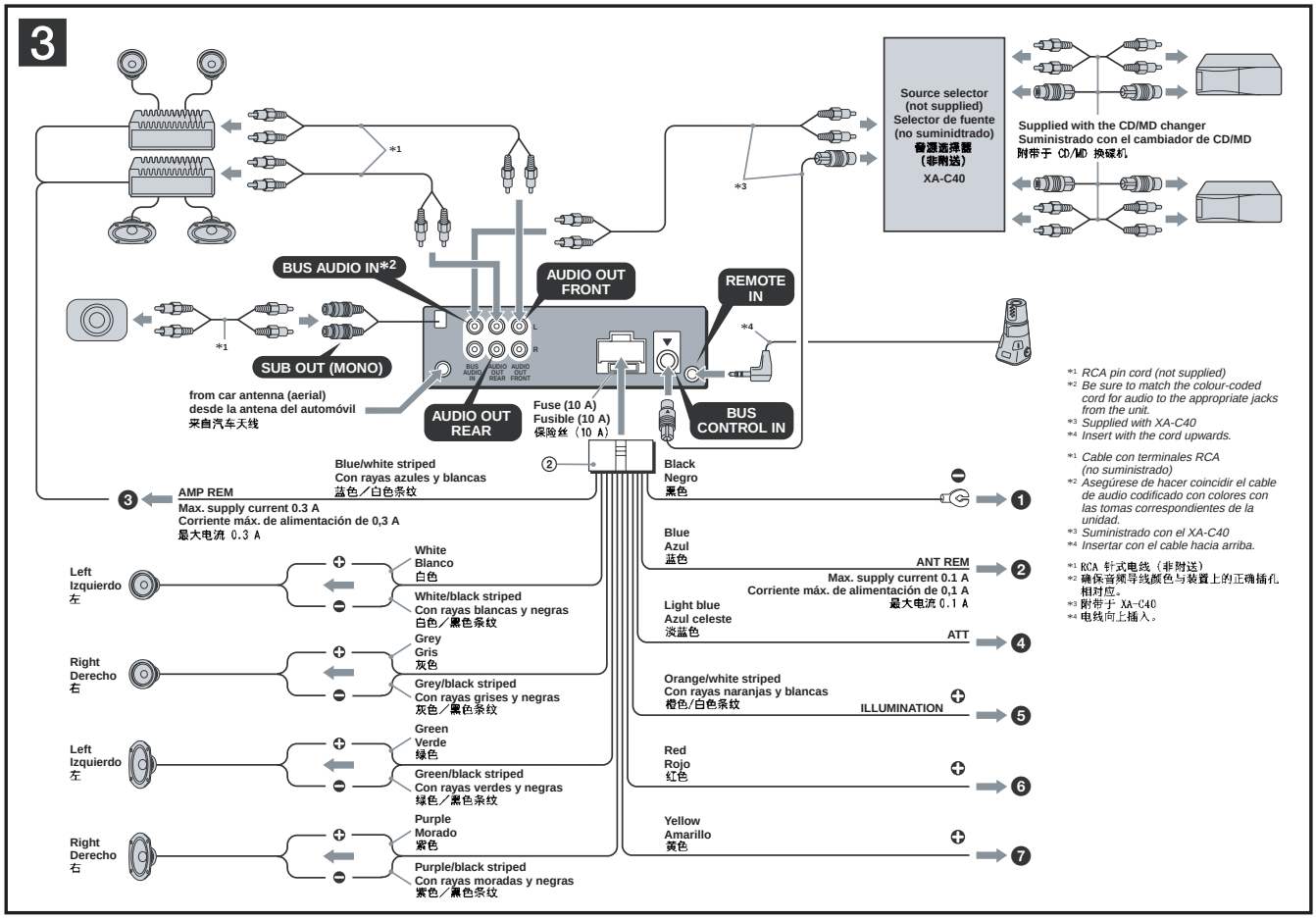
***Notas* (2-A)**
- *Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador.*
- *La alarma sonará únicamente si se utiliza el amplificador incorporado.*

***Sugerencia* (2-B-ⓑ)**
Si desea conectar dos o más cambiadores de CD/MD, necesitará el selector de fuente XA-C40 (no suminidtrado).

线路连接图例 2

注 (2-A)
- 务必在连接放大器之前连接接地线。
- 只有在使用内置的放大器时，警报才会发出声响。

提示（2-B-ⓑ）
若要连接 2 台或更多 CD/MD 换碟机，必须使用音源选择器 XA-C40（非附送）。



*1 RCA pin cord (not supplied)
*2 Be sure to match the colour-coded cord for audio to the appropriate jacks from the unit.
*3 Supplied with XA-C40
*4 Insert with the cord upwards.

*1 Cable con terminales RCA (no suministrado)
*2 Asegúrese de hacer coincidir el cable de audio codificado con colores con las tomas correspondientes de la unidad.
*3 Suministrado con el XA-C40
*4 Insertar con el cable hacia arriba.

*1 RCA 针式电线（非附送）
*2 确保音频导线颜色与装置上的正确插孔相对应。
*3 附带于 XA-C40
*4 电线向上插入。

Connection diagram 3

❶ **To a metal surface of the car**
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.

❷ **To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster**
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❸ **To AMP REMOTE IN of an optional power amplifier**
This connection is only for amplifiers. Connecting any other system may damage the unit.

❹ **To the interface cable of a car telephone**

❺ **To a car's illumination signal**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

❻ **To the +12 V power terminal which is energized in the accessory position of the ignition switch**
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❼ **To the +12 V power terminal which is energized at all times**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Diagrama de conexión 3

❶ **A una superficie metálica del automóvil**
Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de entrada de alimentación.

❷ **Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena**
Notas
- *Si no se dispone de antena motorizada ni de amplificador de antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.*
- *Si el automóvil incorpora una antena de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❸ **A AMP REMOTE IN de un amplificador de potencia opcional**
Esta conexión es sólo para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.

❹ **Al cable de interfaz de un teléfono para automóvil**

❺ **A una señal de iluminación del automóvil**
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

❻ **Al terminal de alimentación de +12 V que recibe energía en la posición de accesorio del interruptor de la llave de encendido**
Notas
- *Si no hay posición de accesorio, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción.*
  Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- *Si el automóvil incorpora una antena de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❼ **Al terminal de alimentación de +12 V que recibe energía sin interrupción**
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

Notas sobre los cables de control y de fuente de alimentación
- *El cable de control de la antena motorizada (azul) suministrará cc de + 12 V cuando conecte la alimentación del sintonizador.*
- *Si el automóvil dispone de una antena de FM/AM incorporada en el cristal trasero o lateral, conecte el cable de control de antena motorizada (azul) o el cable de entrada de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de antena existente. Para obtener más información, consulte a su distribuidor.*
- *Con esta unidad no es posible utilizar una antena motorizada sin caja de relé.*

Conexión para protección de la memoria
Si conecta el cable de entrada de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de encendido.

Notas sobre la conexión de los altavoces
- *Antes de conectar los altavoces, desconecte la alimentación de la unidad.*
- *Utilice altavoces con una impedancia de 4 a 8 Ω con la capacidad de potencia adecuada para evitar que se dañen.*
- *No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.*
- *No conecte el cable de conexión a masa de esta unidad al terminal negativo (–) del altavoz.*
- *No intente conectar los altavoces en paralelo.*
- *Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores incorporados) a los terminales de altavoz, puede dañar la unidad.*
- *Para evitar fallas de funcionamiento, no utilice los cables de altavoz incorporados instalados en el automóvil si la unidad comparte un cable negativo común (–) para los altavoces derecho e izquierdo.*
- *No conecte los cables de altavoz de la unidad entre sí.*

Nota sobre la conexión
Si el altavoz y el amplificador no están conectados correctamente, aparecerá "FAILURE" en la pantalla. Si es así, compruebe la conexión del altavoz y el amplificador.

线路连接图 3

❶ **至汽车金属表面**
首先连接黑色接地导线，然后连接黄色和红色电源输入导线。

❷ **至电动天线控制导线或天线升缩放大器的电源导线**
注
- 如果没有电动天线或天线升缩器，或有手动伸缩式天线，则无需连接此导线。
- 若汽车的后/侧玻璃内有内置 FM/AM 天线，请参阅“关于控制导线和电源导线的注意事项”。

❸ **至选购的功率放大器的 AMP REMOTE IN**
此连接仅用于放大器。连接任何其它系统可能会损坏本装置。

❹ **至车载电话接口电缆**

❺ **至汽车照明信号**
必须首先将黑色接地导线连接至汽车的金属表面。

❻ **至 +12 V 电源端子，该端子在点火开关附件位置通电**
注
- 如果没有附件位置，则连接至 +12 V 电源（蓄电池）端子，该端子随时处于通电状态。
  确保首先将黑色接地导线连接至汽车金属表面。
- 若汽车的后/侧玻璃内有内置 FM/AM 天线，请参阅“关于控制导线和电源导线的注意事项”。

❼ **至 +12 V 电源端子，该端子随时处于通电状态**
确保首先将黑色接地导线连接至汽车金属表面。

关于控制导线和电源导线的注意事项
- 接通调谐器电源时，电动天线的控制导线（蓝色）便能提供 +12 V 直流电。
- 当汽车的后/侧玻璃窗上有内置 FM/AM 天线时，请将电动天线控制线（蓝色）或辅助电源输入电线（红色）连接至现有天线升压器上的电源端子上。详细说明，请与您的经销商联系。
- 本机不能使用不具备继电器盒的电动天线。

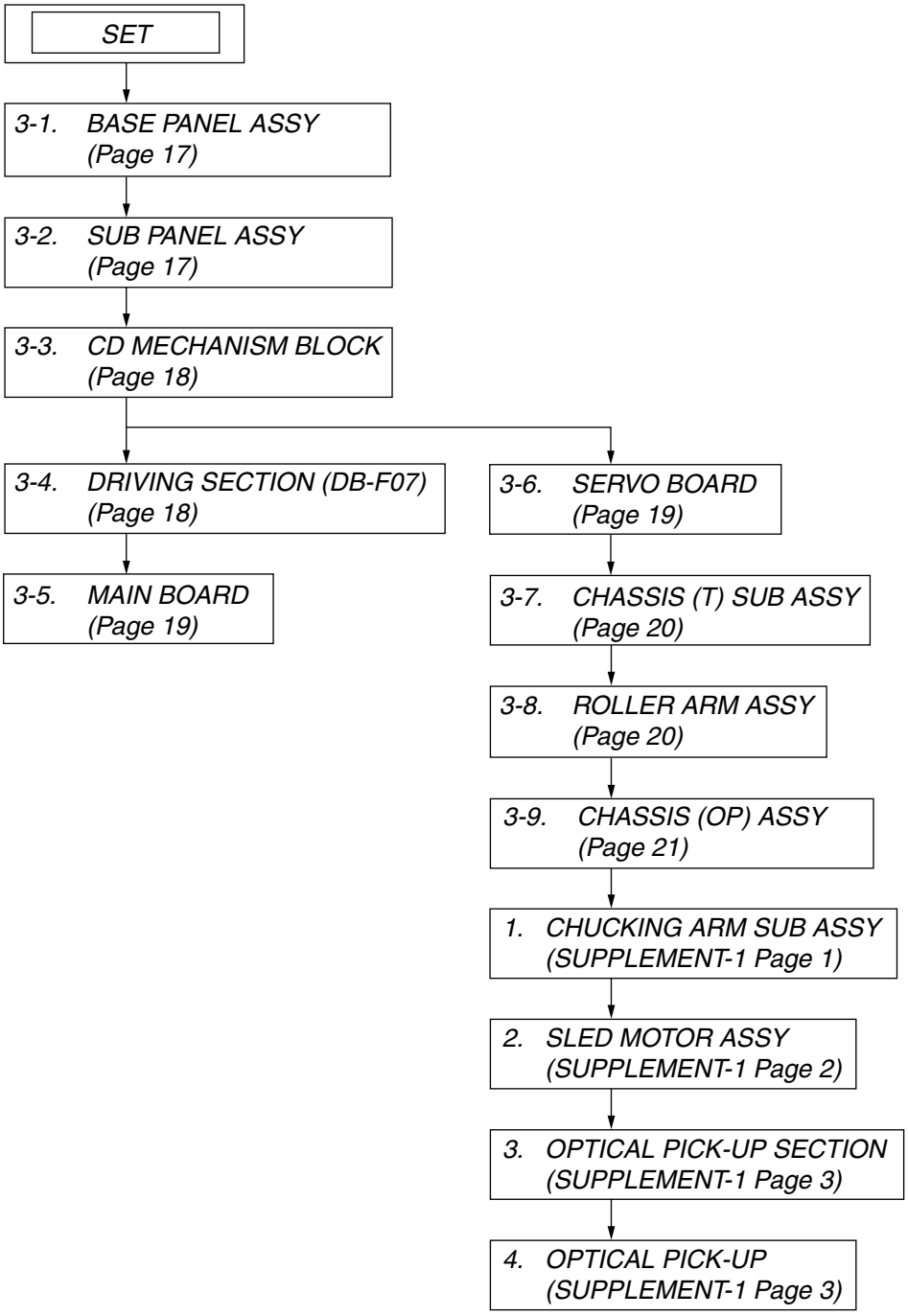
保持记忆的线路连接法
当连接了黄色的电源输入电线时，即使点火开关关闭，电源仍将对记忆电路供电。

关于扬声器连接的注意事项
- 连接扬声器之前，请关闭本机电源。
- 请使用阻抗为 4-8 欧姆且具有足够功率处理能力的扬声器，以免损坏。
- 勿将扬声器端子连接到汽车底盘上，或将右扬声器的端子与左扬声器的端子连接。
- 勿将本机的接地线连接到扬声器的负极 (–) 端子上。
- 扬声器不可并联连接。
- 请仅连接无源扬声器。将有源扬声器（具有内置放大器）连接到扬声器端子可能会损坏本机。
- 若本机使用左、右扬声器的共用负极 (–) 电线，为了避免故障，切勿使用安装在汽车内的内置扬声器电线。
- 请勿将本机扬声器电线相互连接。

连接的注意事项
如果未正确连接扬声器和放大器，则显示屏上会出现“FAILURE”。这时，请确保扬声器和放大器连接正确。

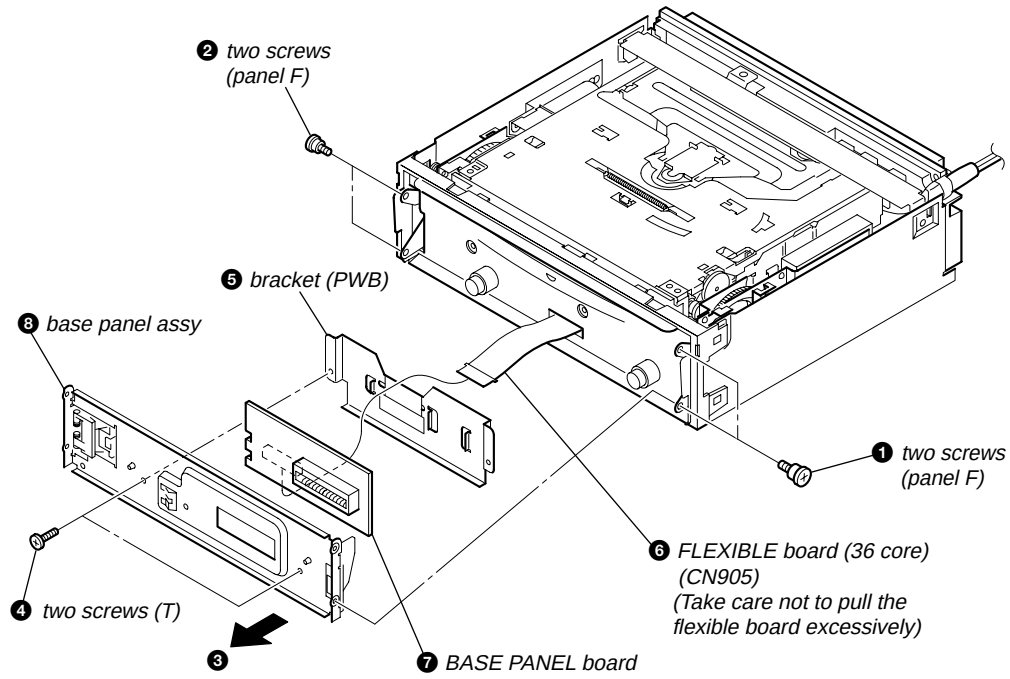
SECTION 3
DISASSEMBLY

Note: This set can be disassemble according to the following sequence.

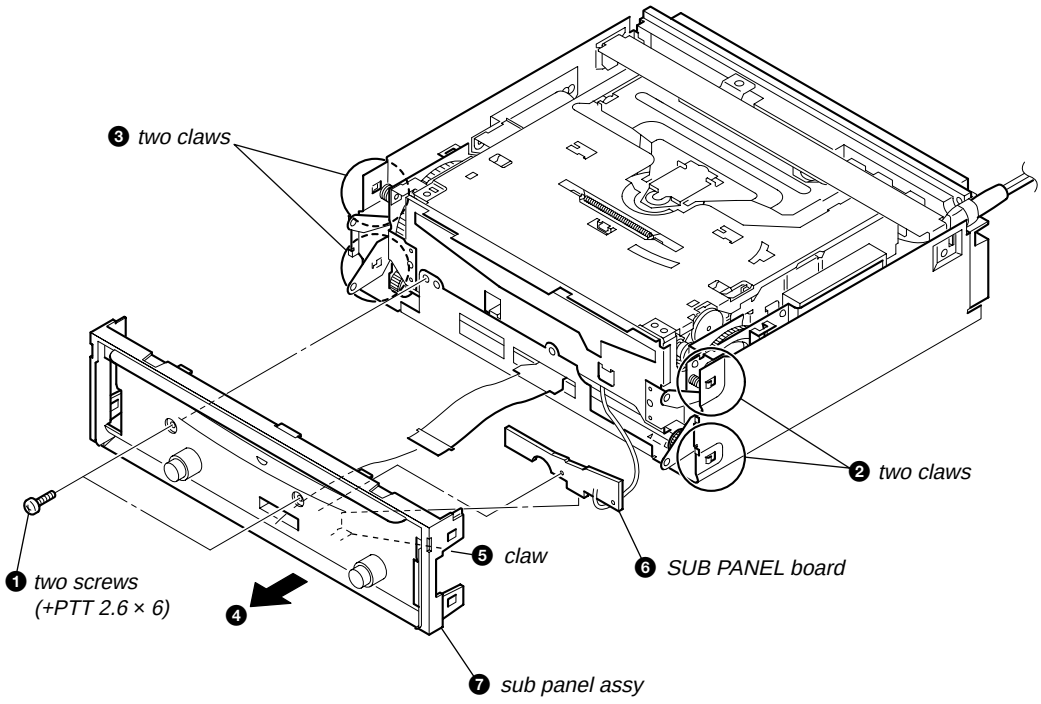

SET
3-1. BASE PANEL ASSY (Page 17)
3-2. SUB PANEL ASSY (Page 17)
3-3. CD MECHANISM BLOCK (Page 18)
3-4. DRIVING SECTION (DB-F07) (Page 18)
3-5. MAIN BOARD (Page 19)
3-6. SERVO BOARD (Page 19)
3-7. CHASSIS (T) SUB ASSY (Page 20)
3-8. ROLLER ARM ASSY (Page 20)
3-9. CHASSIS (OP) ASSY (Page 21)
1. CHUCKING ARM SUB ASSY (SUPPLEMENT-1 Page 1)
2. SLED MOTOR ASSY (SUPPLEMENT-1 Page 2)
3. OPTICAL PICK-UP SECTION (SUPPLEMENT-1 Page 3)
4. OPTICAL PICK-UP (SUPPLEMENT-1 Page 3)

Note: Follow the disassembly procedure in the numerical order given.

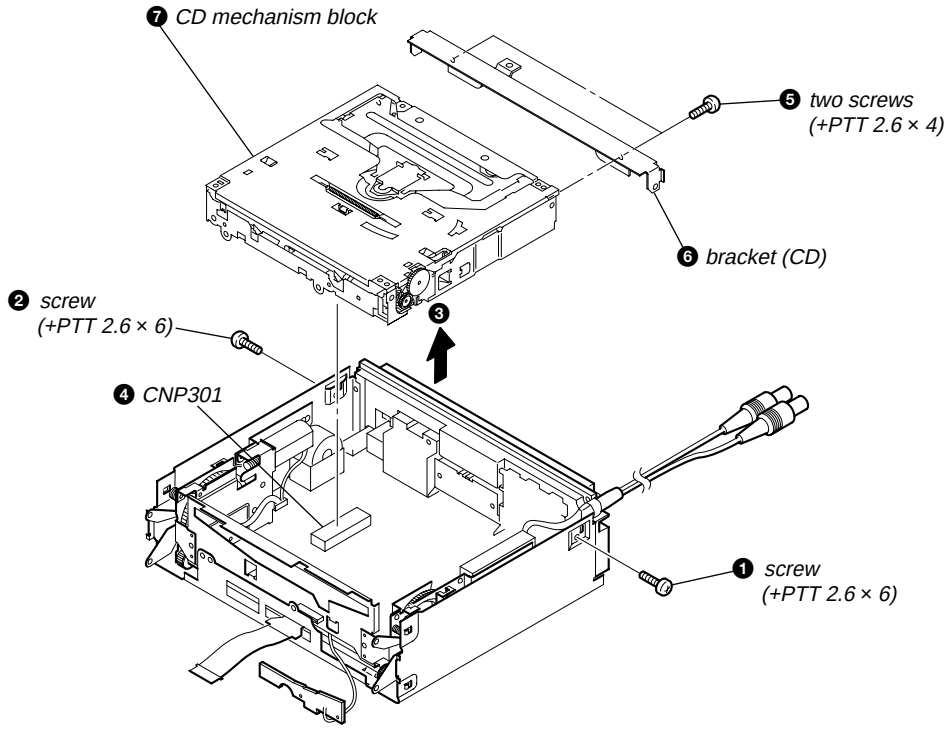
3-1. BASE PANEL ASSY



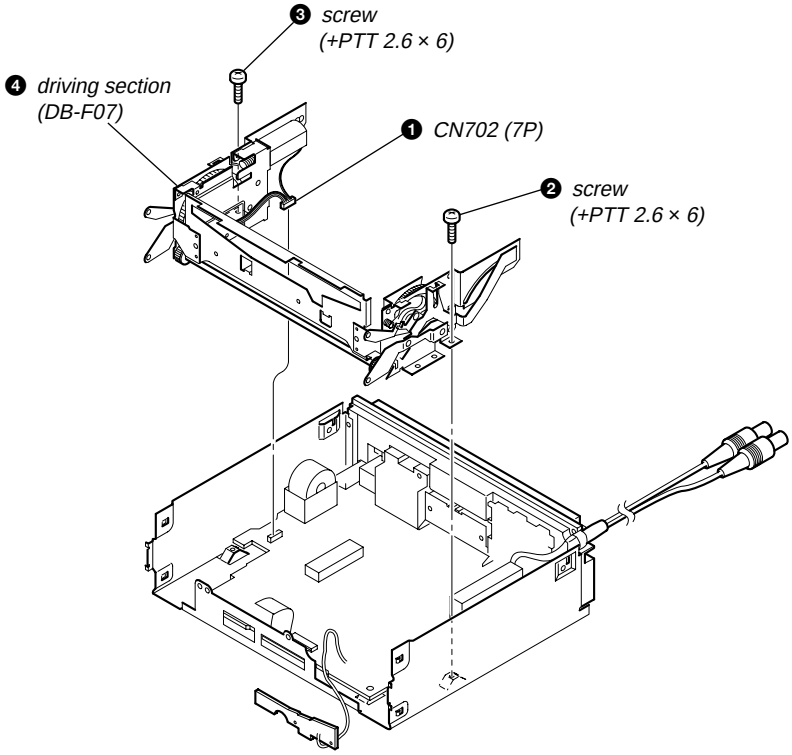
3-2. SUB PANEL ASSY



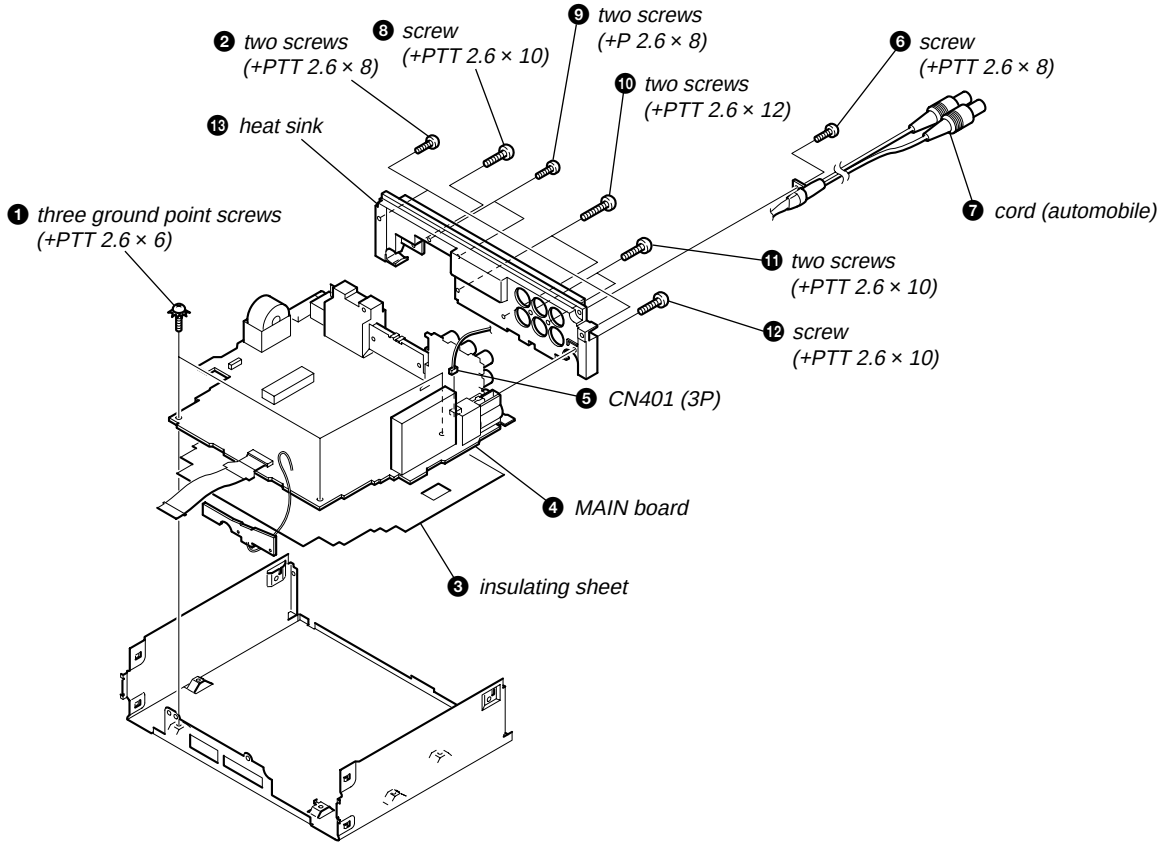
3-3. CD MECHANISM BLOCK



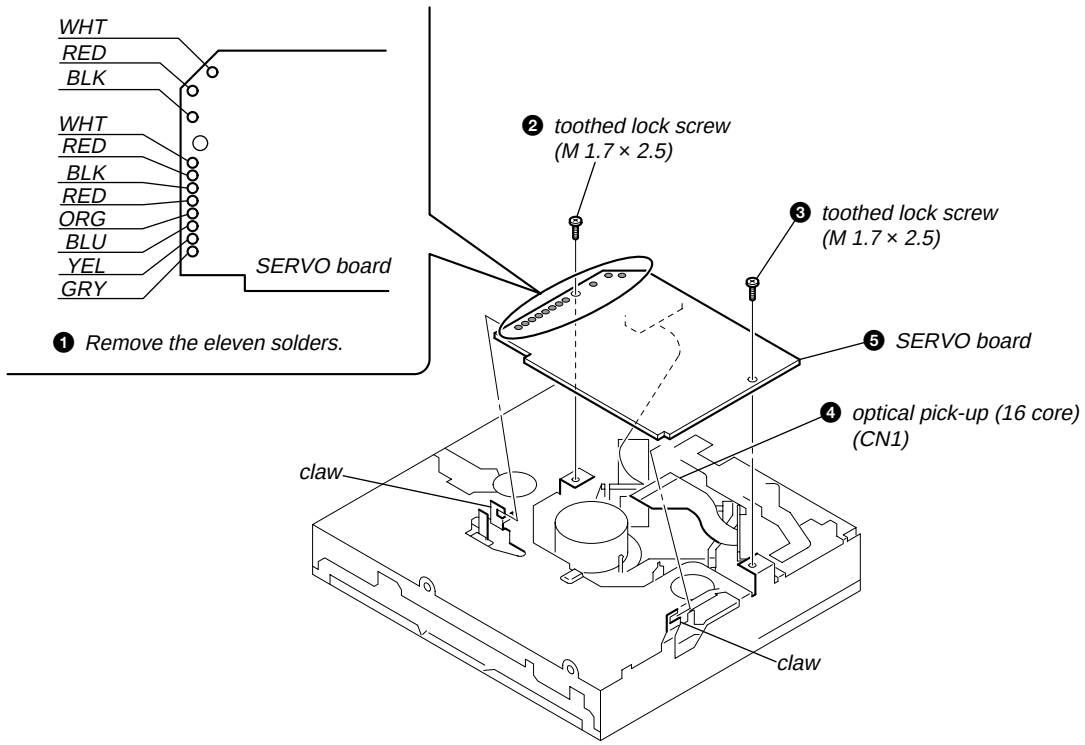
3-4. DRIVING SECTION (DB-F07)



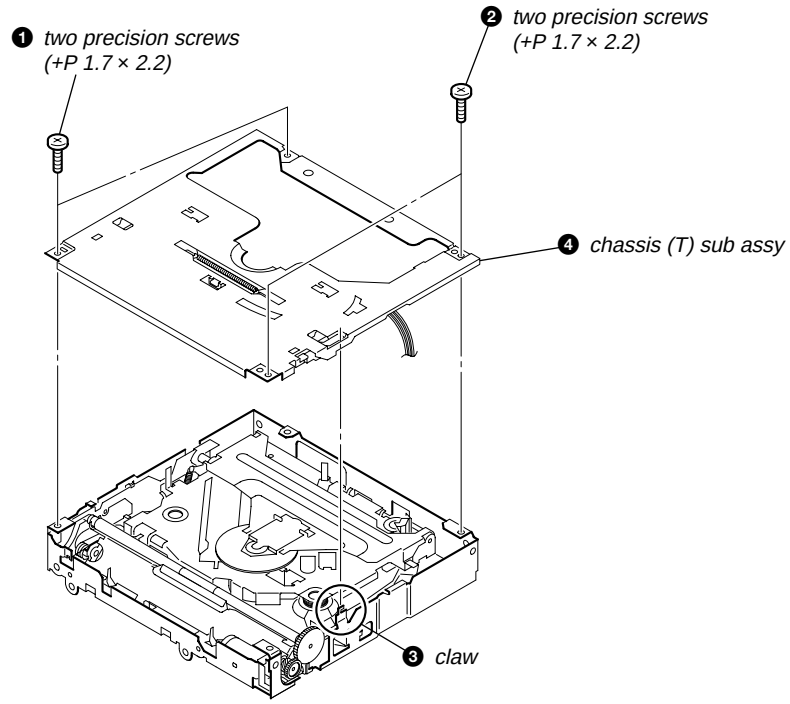
3-5. MAIN BOARD


❷ two screws (+PTT 2.6 × 8)
❽ screw (+PTT 2.6 × 10)
❾ two screws (+P 2.6 × 8)
❻ screw (+PTT 2.6 × 8)
❿ two screws (+PTT 2.6 × 12)
⓭ heat sink
❶ three ground point screws (+PTT 2.6 × 6)
❼ cord (automobile)
⓫ two screws (+PTT 2.6 × 10)
⓬ screw (+PTT 2.6 × 10)
❺ CN401 (3P)
❹ MAIN board
❸ insulating sheet

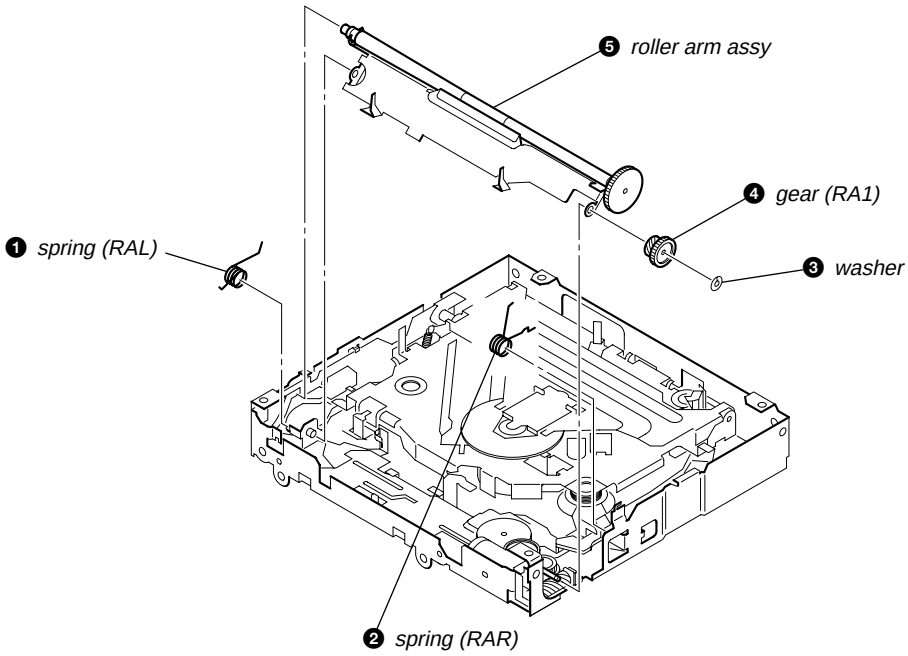
3-6. SERVO BOARD



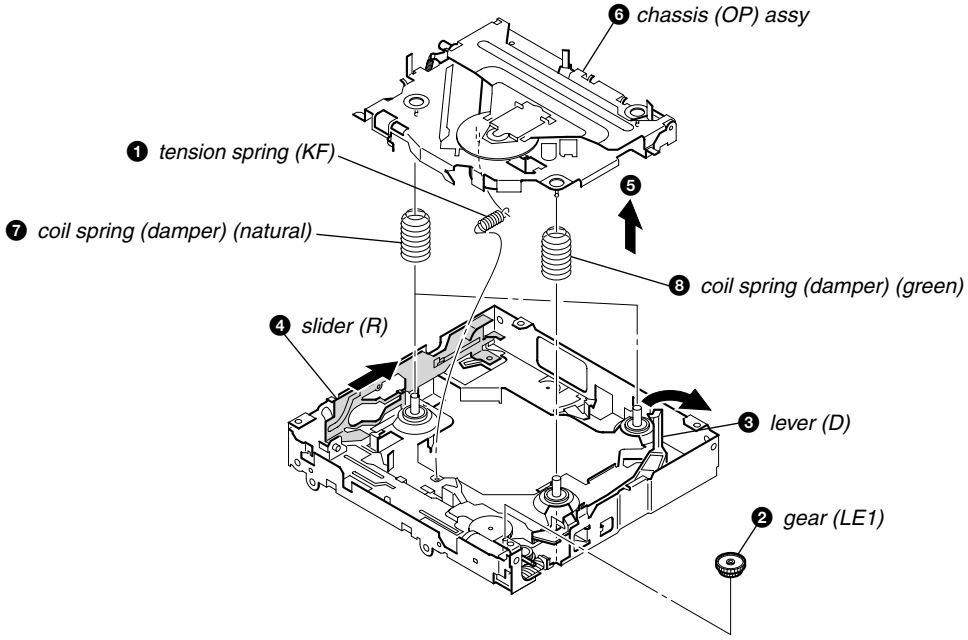
3-7. CHASSIS (T) SUB ASSY



3-8. ROLLER ARM ASSY



3-9. CHASSIS (OP) ASSY



SECTION 4
DIAGNOSIS FUNCTION

Description of the Diagnostics function:

1. Setting the Diag display mode

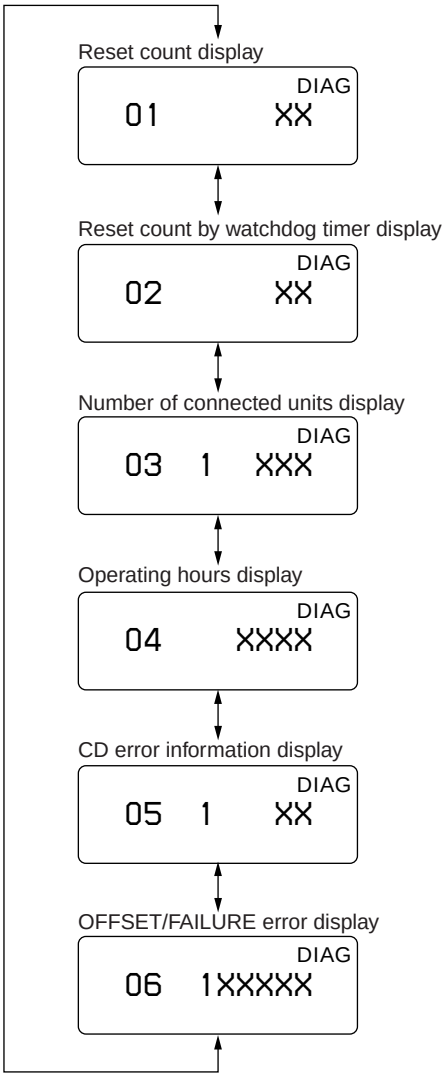
With the power off, press the [4] button, [5] button, and [4] button on the set body or the remote control (for more than 2 seconds) in turn.

2. Canceling the Diag display mode

During the Diag function mode, press the [OFF] button.

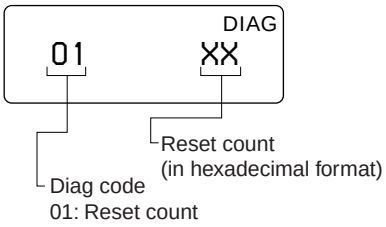
3. Initial display in the Diag display mode.

Just when the Diag mode is entered, “reset count” is displayed. The display mode is switched by each rotation of [SEEK +/▶▶ ▶▶|] or [SEEK – /|◀◀ ◀◀] keys.

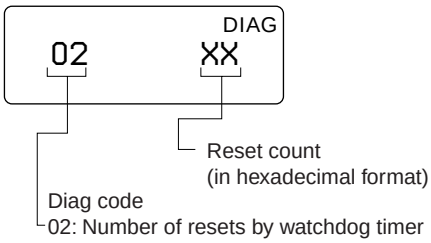


4. Contents of each display mode

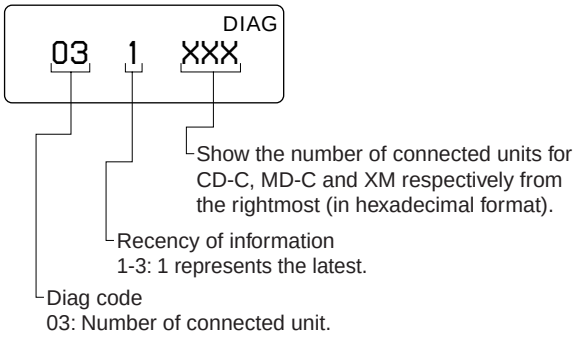
4-1. Reset count display mode



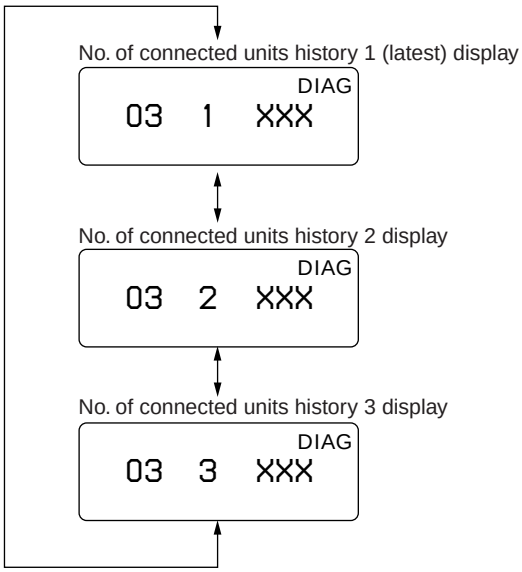
4-2. Reset count by watchdog timer display mode



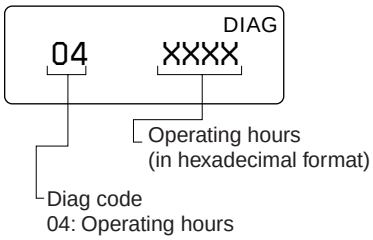
4-3. Number of connected units display mode


DIAG
03 1 XXX
Show the number of connected units for CD-C, MD-C and XM respectively from the rightmost (in hexadecimal format).
Recency of information
1-3: 1 represents the latest.
Diag code
03: Number of connected unit.

The display mode is switched by each rotation of [4/GP/ALBM+] or [3/GP/ALBM–] keys during the number of connected units display mode.

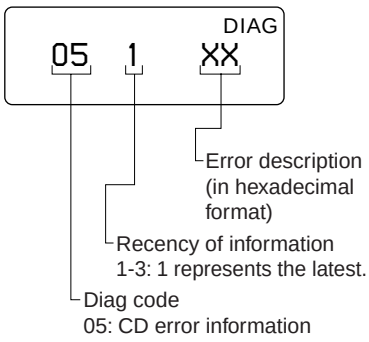


4-4. Operating hours display mode



4-5. CD error information display mode

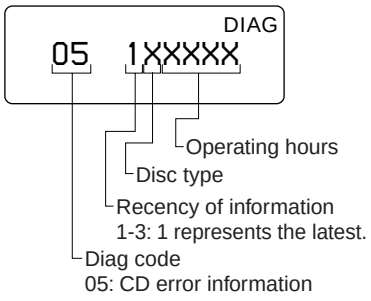
4-5-1. Error description



Error information

Indication	Description
1X	SERVO ERROR
3X	LOADING ERROR
4X	TRACK JUMP
5X	TEXT ERROR
FX	MECHA ERROR

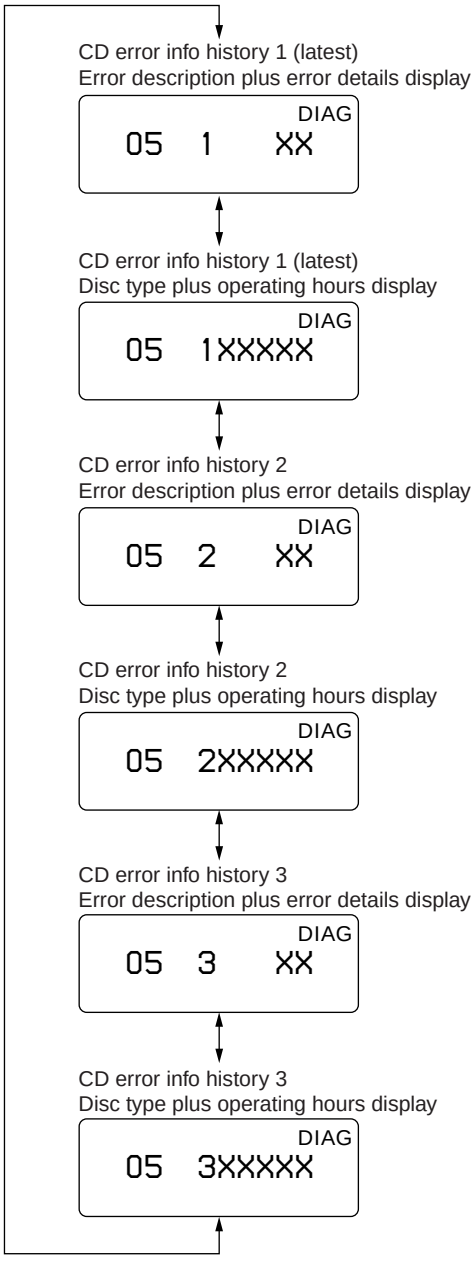
4-5-2. Disc type and operating hours



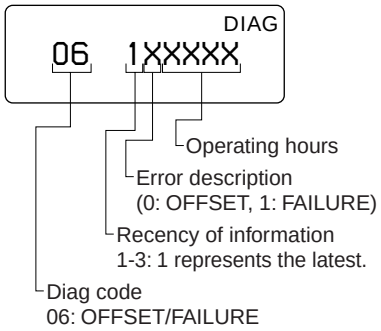
Disc type

Indication	Disc type
0	MP3
1	WMA
2	AAC
3	ATRAC
8	CD/DA
F	UNKNOWN

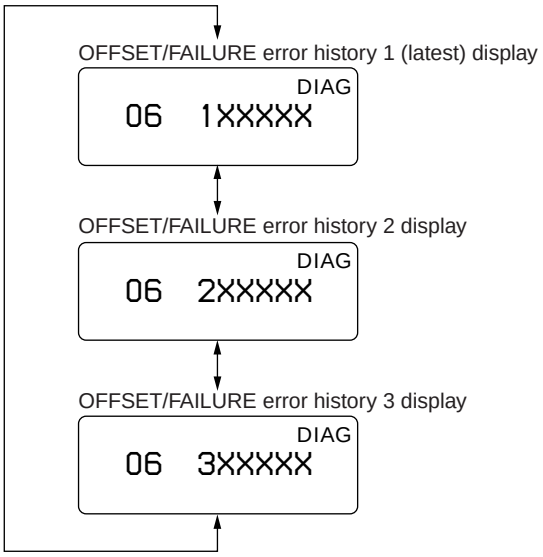
The display mode is switched by each rotation of 4/GP/ALBM+ or 3/GP/ALBM– keys during the CD error information display mode.



4-6. OFFSET/FAILURE error display mode

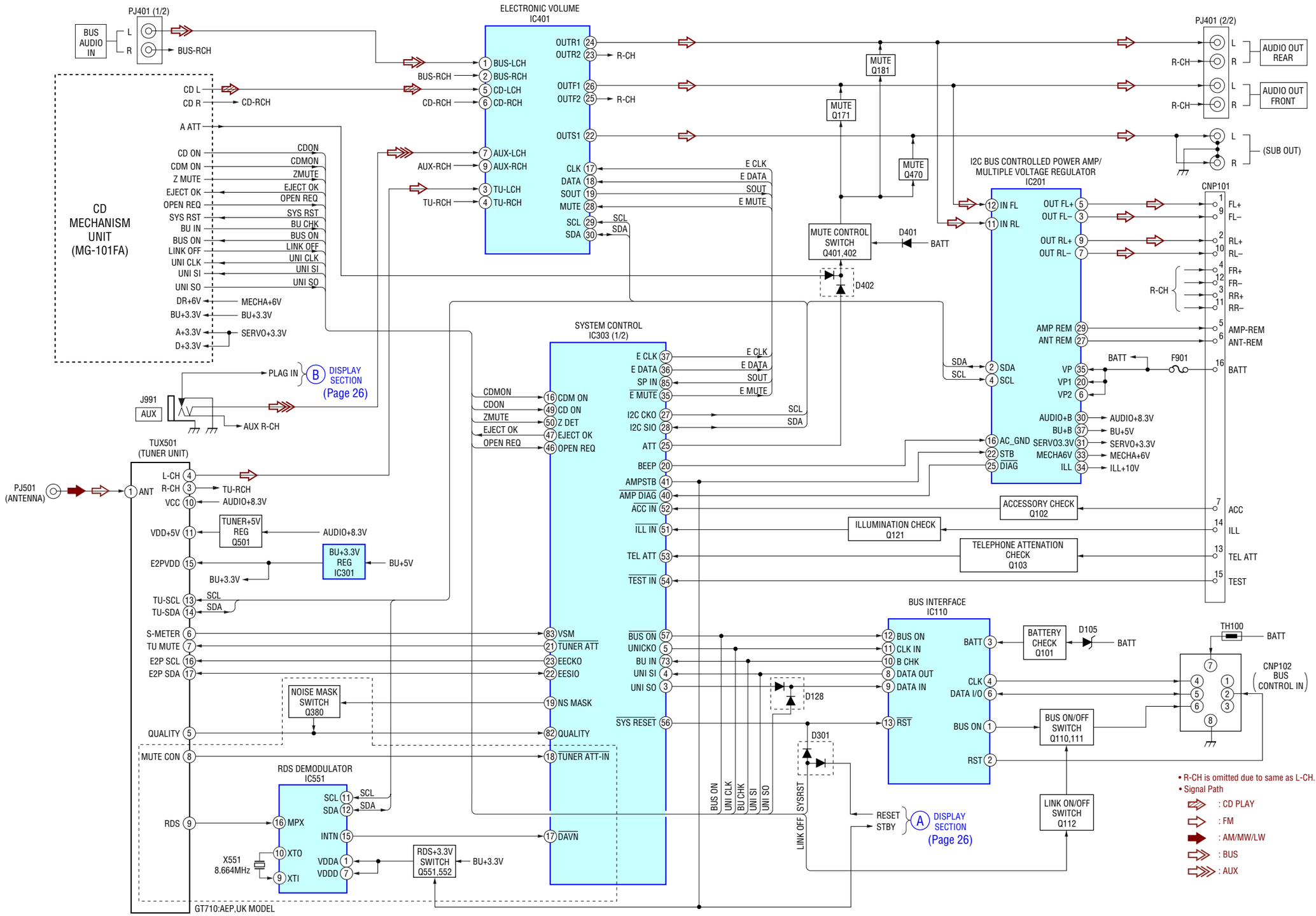


The display mode is switched by each rotation of [4/GP/ALBM+] or [3/GP/ALBM–] keys during the OFFSET/FAILURE error display mode.

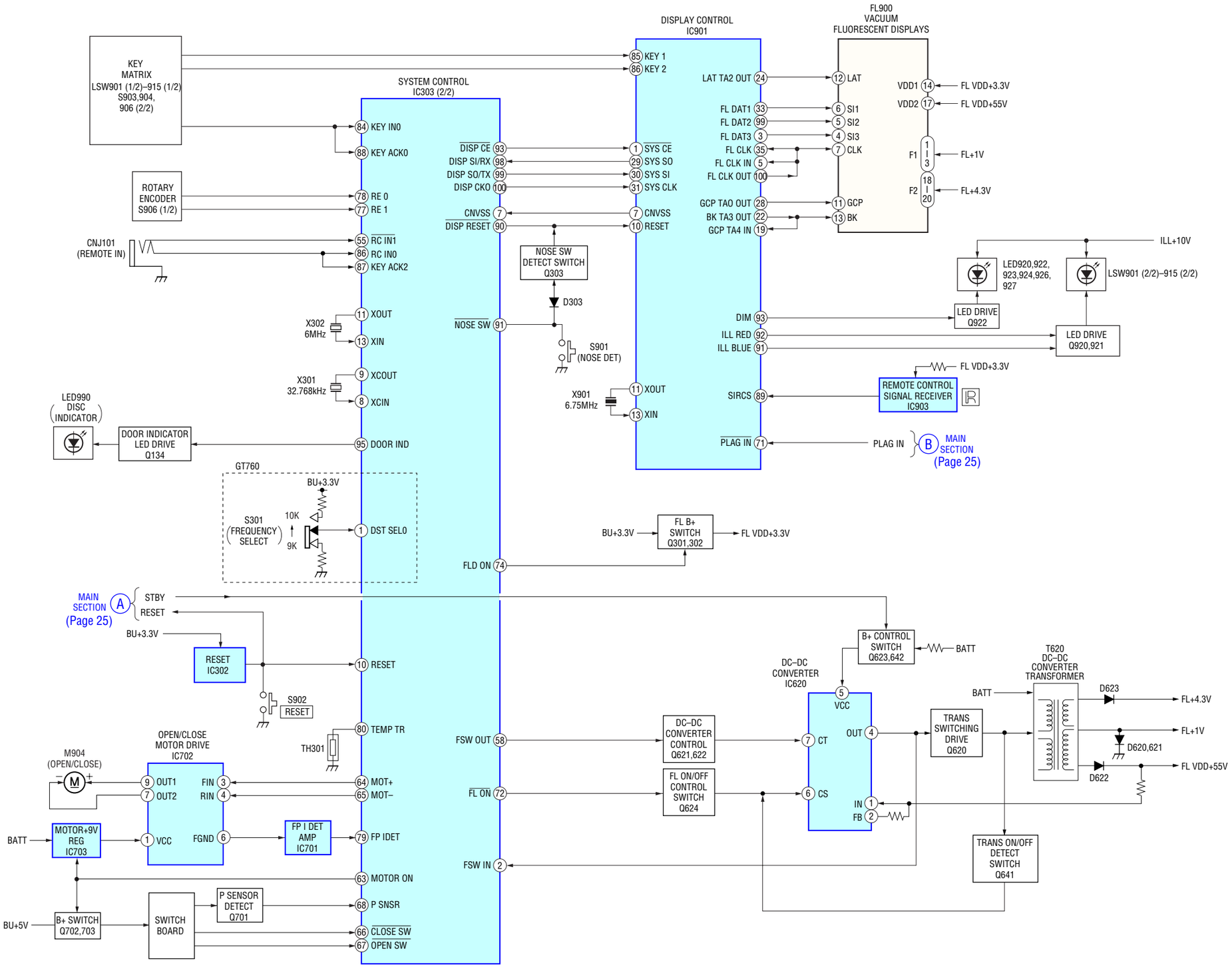


SECTION 5
DIAGRAMS

5-1. BLOCK DIAGRAM — MAIN SECTION —



5-2. BLOCK DIAGRAM — DISPLAY SECTION —



• NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

For schematic diagrams.

Note:
- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

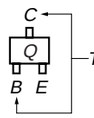
- ▬▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : AM/MW/LW
  < > : CD PLAY
  ✻ : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : CD PLAY
  ⇨ : FM
  ➡ : AM/MW/LW
  ⇨ : BUS
  ⇨ : AUX
- Abbreviation
  CND : Canadian model
  CH : Chinese model
  MX : Mexican model

For printed wiring boards.

Note:
- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ○ : Through hole.
- ▬ : Pattern from the side which enables seeing.

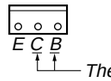
(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.



These are omitted

These are omitted



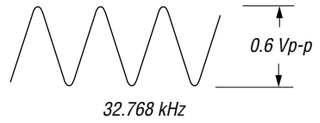
These are omitted

- Abbreviation
  CND : Canadian model
  CH : Chinese model
  MX : Mexican model

• WAVEFORMS

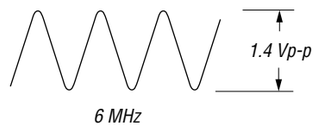
— MAIN Board —

① IC303 ⑧ (XCIN)



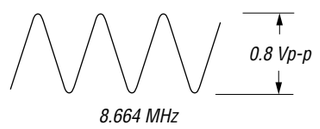
0.2 V/DIV, 20 μsec/DIV

② IC303 ⑬ (XIN)



0.5 V/DIV, 0.1 μsec/DIV

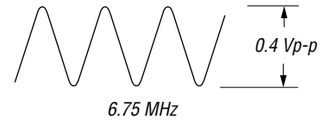
③ IC551 ⑨ (XTI)



0.2 V/DIV, 0.1 μsec/DIV

— DISPLAY Board —

① IC901 ⑬ (XIN)



0.2 V/DIV, 0.1 μsec/DIV

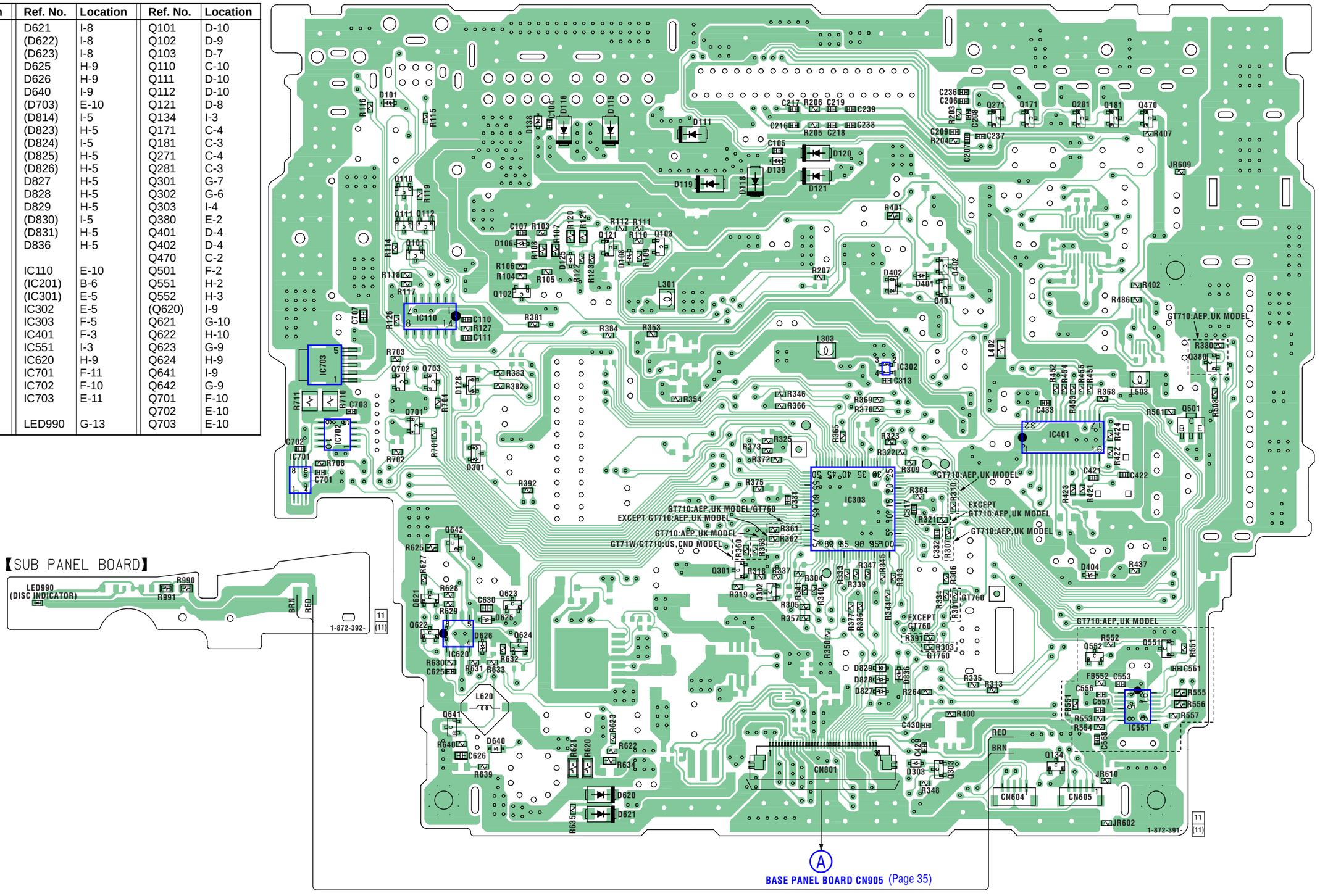
5-3. PRINTED WIRING BOARDS — MAIN SECTION — : Uses unleaded solder.

- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D101	B-10	D621	I-8	Q101	D-10
(D102)	C-9	(D622)	I-8	Q102	D-9
(D103)	C-9	(D623)	I-8	Q103	D-7
(D104)	E-10	D625	H-9	Q110	C-10
(D105)	E-10	D626	H-9	Q111	D-10
D106	D-9	D640	I-9	Q112	D-10
D108	D-8	(D703)	E-10	Q121	D-8
(D109)	D-9	(D814)	I-5	Q134	I-3
(D110)	B-7	(D823)	H-5	Q171	C-4
D111	C-7	(D824)	I-5	Q181	C-3
(D112)	B-8	(D825)	H-5	Q271	C-4
(D113)	C-7	(D826)	H-5	Q281	C-3
(D114)	C-7	D827	H-5	Q301	G-7
D115	C-8	D828	H-5	Q302	G-6
D116	C-8	D829	H-5	Q303	I-4
(D117)	C-8	(D830)	I-5	Q380	E-2
D118	C-6	(D831)	H-5	Q401	D-4
D119	C-7	D836	H-5	Q402	D-4
D120	C-6			Q470	C-2
D121	C-6	IC110	E-10	Q501	F-2
D125	D-8	(IC201)	B-6	Q551	H-2
D128	E-9	(IC301)	E-5	Q552	H-3
D138	C-8	IC302	E-5	(Q620)	I-9
D139	C-6	IC303	F-5	Q621	G-10
D301	F-9	IC401	F-3	Q622	H-10
D303	I-5	IC551	I-3	Q623	G-9
(D304)	G-6	IC620	H-9	Q624	H-9
D401	D-5	IC701	F-11	Q641	I-9
D402	D-5	IC702	F-10	Q642	G-9
D404	G-3	IC703	E-11	Q701	F-10
(D501)	F-2			Q702	E-10
D620	I-8	LED990	G-13	Q703	E-10

( ): SIDE B

【MAIN BOARD】(SIDE A)



【MAIN BOARD】(SIDE B)

PJ401
BUS AUDIO IN
AUDIO OUT REAR
AUDIO OUT FRONT
SUB OUT (MONO)
PJ501 (ANTENNA)
TUX501 (TUNER UNIT)
CNP102 (BUS CONTROL IN)
CNJ101 (REMOTE IN)
CNP102
CNP101
EXCEPT GT710: AEP,UK MODEL
GT710:AEP,UK MODEL
GT760
S501 (FREQUENCY SELECT)
S301
10K
9K
JR607
JR618
JR601
IC201
IC301
F901
TH100
TH301
L101
L304
L502
X301
X302
X551
CN401
CN702
CN703
CD MECHANISM UNIT (MG-101FA)
CN2
M904 (OPEN/CLOSE)
SWITCH BOARD
DB-F07
1-872-391-11 (11)

GT710:AEP,UK MODEL

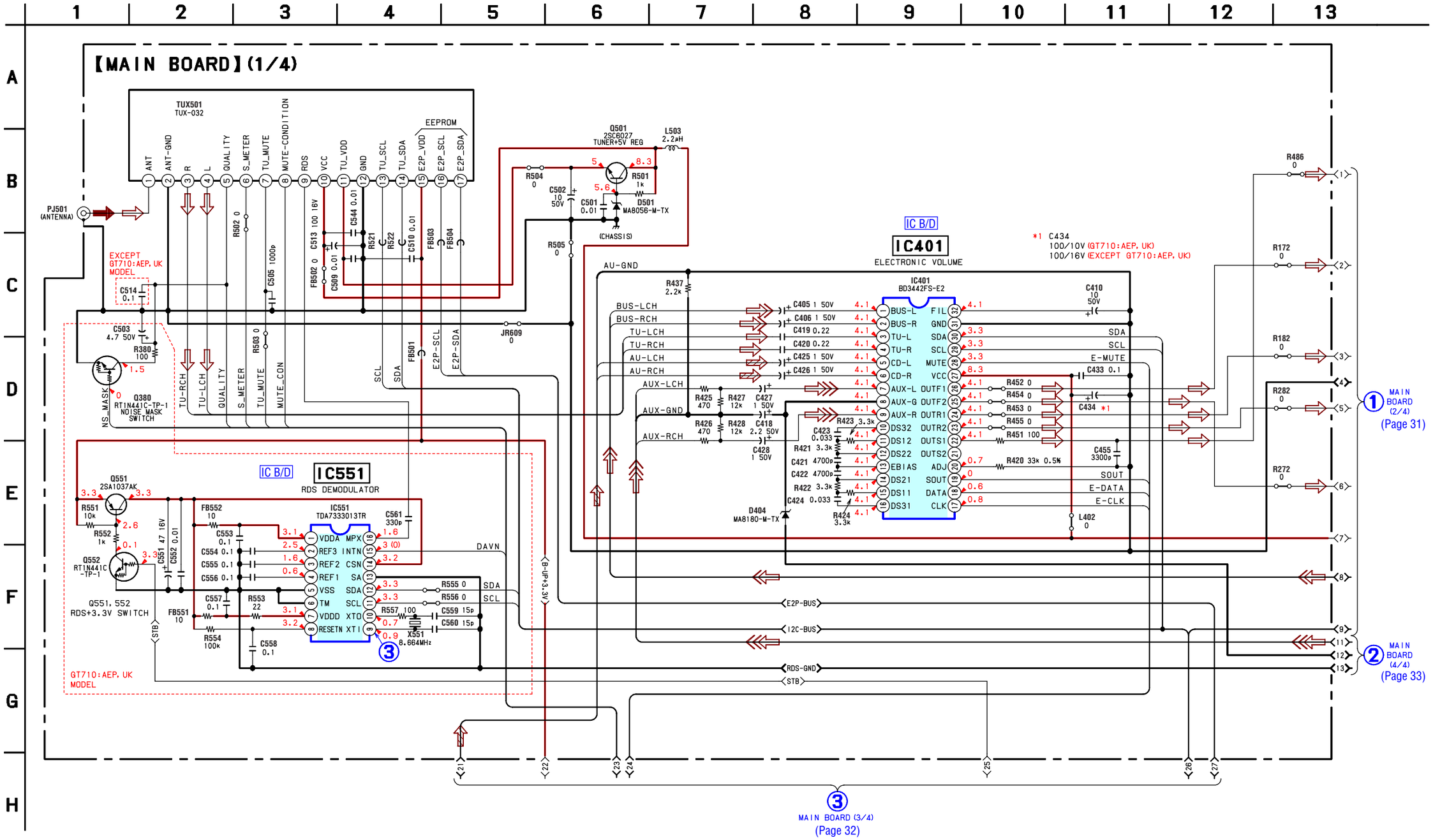
16	15	14	13	12	11	10	9								
SKY BKU	TEL MUTE	BLK	RED	BLU	ORG/WHT	BLU/WHT	GRY/BLK	GRY	VIO/BLK	VIO	GRN/BLK	GRN	WHT/BLK	WHT	
8	7	6	5	4	3	2	1								
								7	5	3	1				
								R-L	F-L	F-R	R-R				
								8	6	4	2				
YEL	GND		ACC	ANT REM	ILL		AMP REM	BATT							

GT71W/GT710:US,CND MODEL/GT760

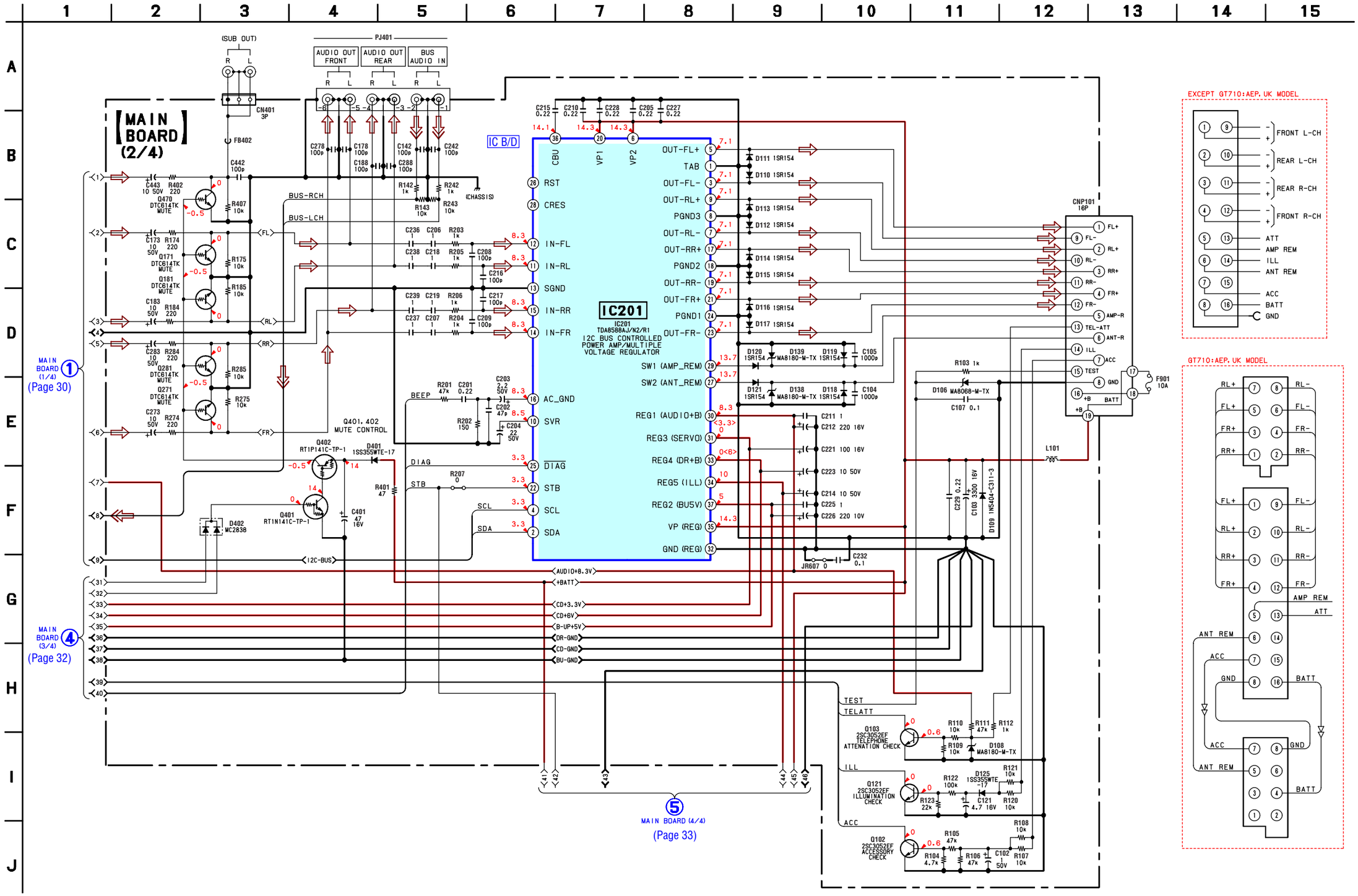
16	15	14	13	12	11	10	9								
BLK	YEL	RED	BLU	ORG/WHT	BLU/WHT	SKY BKU	GRY	GRY/BLK	VIO	VIO/BLK	GRN	GRN/BLK	WHT	WHT/BLK	
8	7	6	5	4	3	2	1								
GND	BATT	ACC	ANT REM	ILL	AMP REM	ATT	FRONT R-CH (+)	FRONT R-CH (-)	REAR R-CH (+)	REAR R-CH (-)	REAR L-CH (+)	REAR L-CH (-)	FRONT L-CH (+)	FRONT L-CH (-)	

5-4. SCHEMATIC DIAGRAM — MAIN SECTION (1/4) —

• Refer to page 27 for Waveforms.
• Refer to page 37 for IC Block Diagrams.

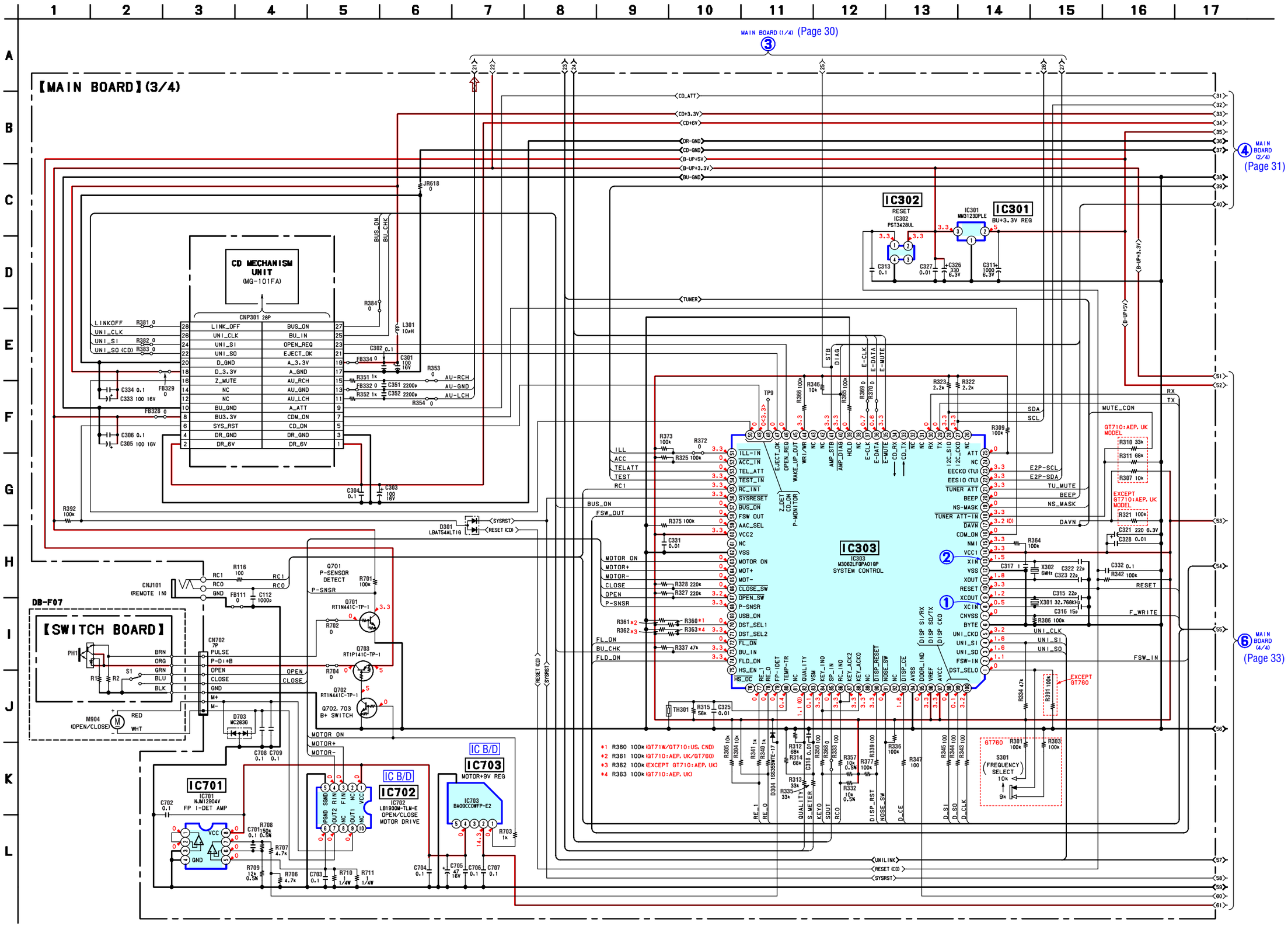


5-5. SCHEMATIC DIAGRAM — MAIN SECTION (2/4) — • Refer to page 38 for IC Block Diagrams.

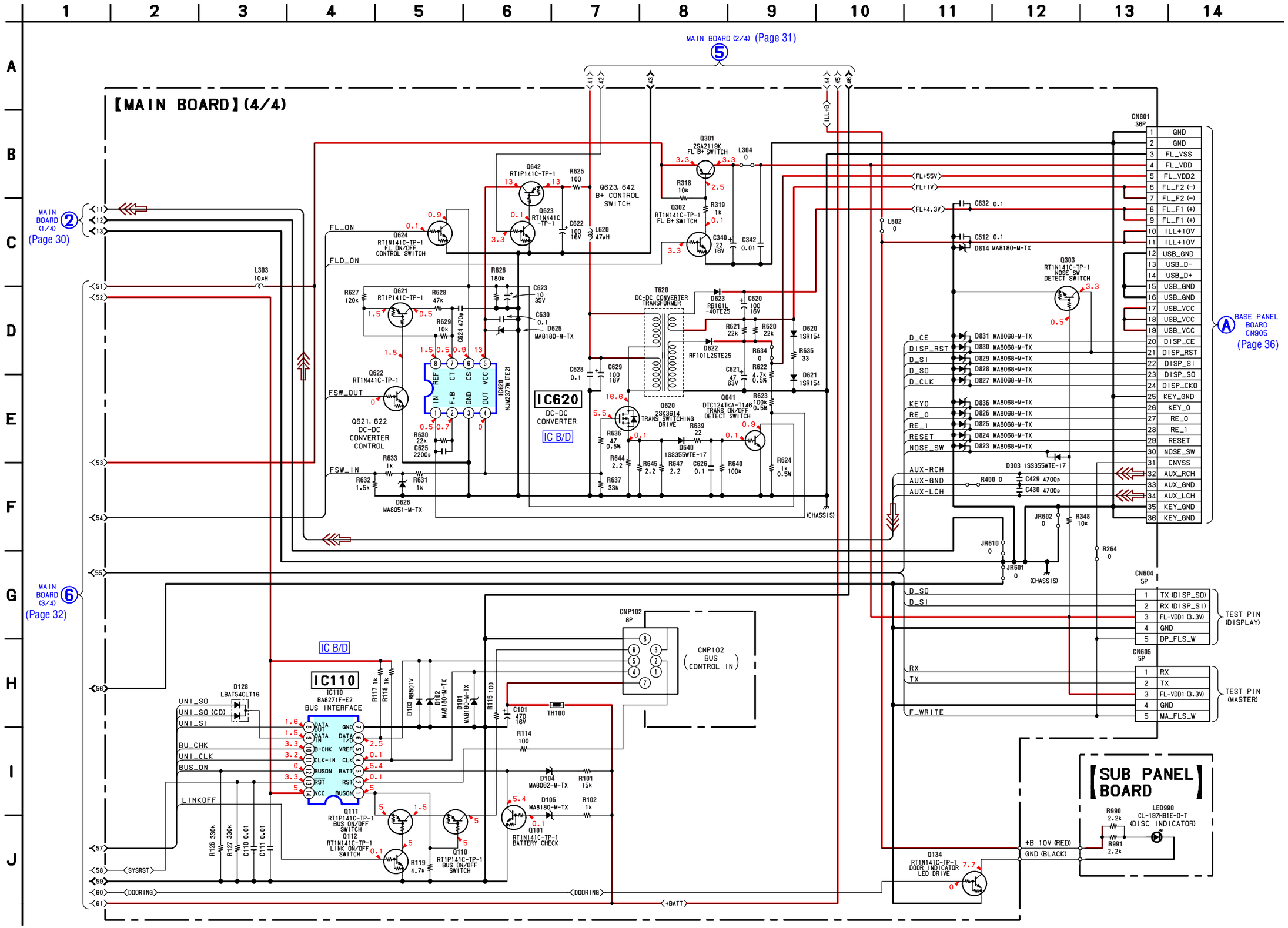


5-6. SCHEMATIC DIAGRAM — MAIN SECTION (3/4) —

- Refer to page 27 for Waveforms.
- Refer to page 39 for IC Block Diagrams.
- Refer to page 41 for IC Pin Description of IC303.



5-7. SCHEMATIC DIAGRAM — MAIN SECTION (4/4) — • Refer to page 40 for IC Block Diagrams.


【MAIN BOARD】(4/4)
MAIN BOARD (2/4) (Page 31)
MAIN BOARD (1/4) (Page 30)
MAIN BOARD (3/4) (Page 32)
BASE PANEL BOARD CN905 (Page 36)
IC620 DC-DC CONVERTER
IC B/D
IC110 BA8271F-E2 BUS INTERFACE
【SUB PANEL BOARD】
CN801 36P
CN604 5P
CN605 5P
CNP102 8P
Q623, 642 B+ CONTROL SWITCH
Q624 RT1N141C-TP-1 FL ON/OFF CONTROL SWITCH
Q621, 622 DC-DC CONVERTER CONTROL
Q641 DTC124TKA-T146 TRANS ON/OFF DETECT SWITCH
Q620 2SK3614 TRANS SWITCHING DRIVE
Q301 2SA2119K FL B+ SWITCH
Q302 RT1N141C-TP-1 FL B+ SWITCH
Q303 RT1N141C-TP-1 NOSE SW DETECT SWITCH
Q111 RT1P141C-TP-1 BUS ON/OFF SWITCH
Q112 RT1N141C-TP-1 LINK ON/OFF SWITCH
Q110 RT1P141C-TP-1 BUS ON/OFF SWITCH
Q101 RT1N141C-TP-1 BATTERY CHECK
Q134 RT1N141C-TP-1 DOOR INDICATOR LED DRIVE
T620 DC-DC CONVERTER TRANSFORMER
CNP102 BUS CONTROL IN
TEST PIN (DISPLAY)
TEST PIN (MASTER)
+B 10V (RED)
GND (BLACK)
(CHASSIS)

5-8. PRINTED WIRING BOARDS — DISPLAY SECTION — : Uses unleaded solder.

【DISPLAY BOARD】(SIDE A)

S904 MODE
LSW901 SEEK+ ▶▶|
LSW902 SEEK– |◀◀
S903 SOURCE
IC903
LSW906 MENU
LSW905 IMAGE
LSW915 ⏏/ANGLE
LSW904 LIST
LSW903 DSPL (EXCEPT GT710:AEP,UK) DSPL/PTY (GT710:AEP,UK)
LSW912 1/REP
LSW911 2/SHUF
LSW910 3/GP/ALBM–
LSW909 4/GP/ALBM+
LSW908 5/BBE MP
LSW907 6/PAUSE
LSW913 SCRL (EXCEPT GT710:AEP,UK) AF/TA (GT710:AEP,UK)
LSW914 OFF
LED920,922–924,926,927 (RING ILLUMINATION)
1-872-393- 11 (11)

- **Semiconductor Location**

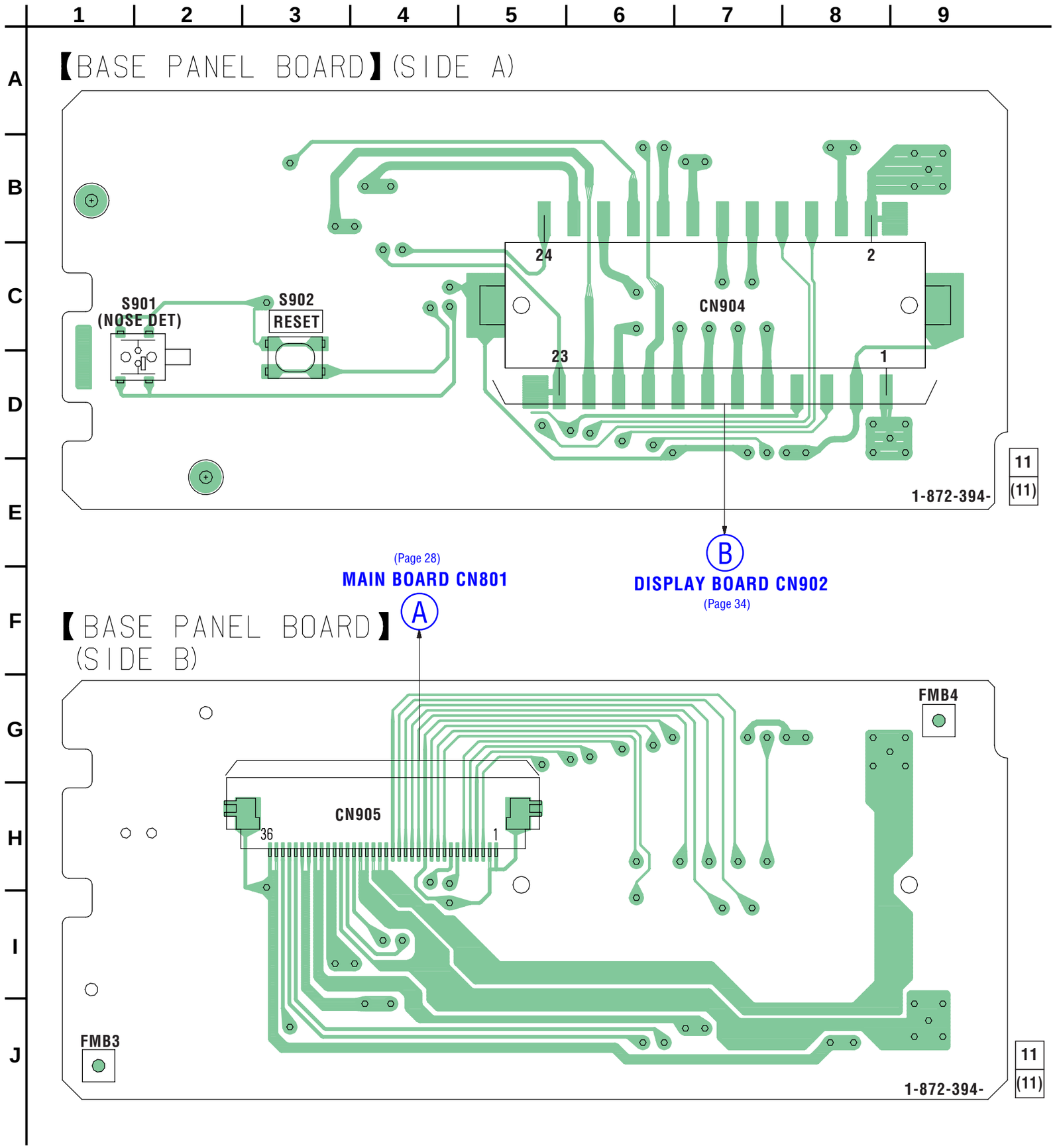
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D931	G-10	D955	H-6	LED924	C-3
D932	G-10	D956	H-6	LED926	B-4
D933	G-10			LED927	B-3
D934	G-10	IC901	H-7		
D935	G-10	IC903	A-6	Q920	I-5
D936	G-10			Q921	H-5
D937	G-9	LED920	C-5	Q922	I-5
D938	G-9	LED922	B-5		
D951	G-12	LED923	C-4		

J991 AUX
BRN RED ORG YEL GRN
【AUX BOARD】 11 (11) 1-872-395-

【DISPLAY BOARD】(SIDE B)

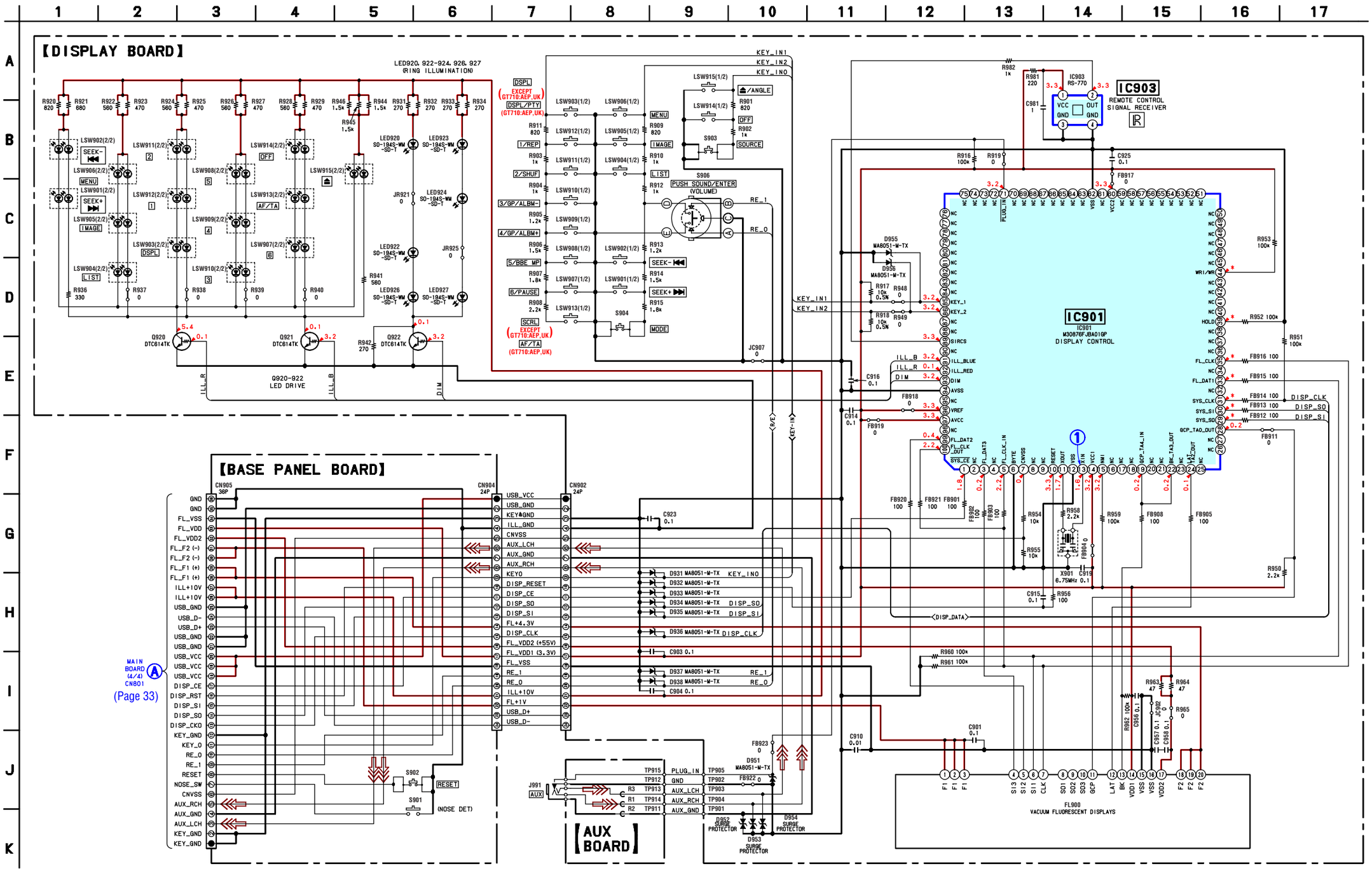
S906 PUSH SOUND/ENTER (VOLUME)
X901
IC901
CN902
FL900 VACUUM FLUORECSENT DISPLAYS
B
BASE PANEL BOARD CN904 (Page 35)
11 (11) 1-872-393-

5-9. PRINTED WIRING BOARD — BASE PANEL SECTION — 4F : Uses unleaded solder.



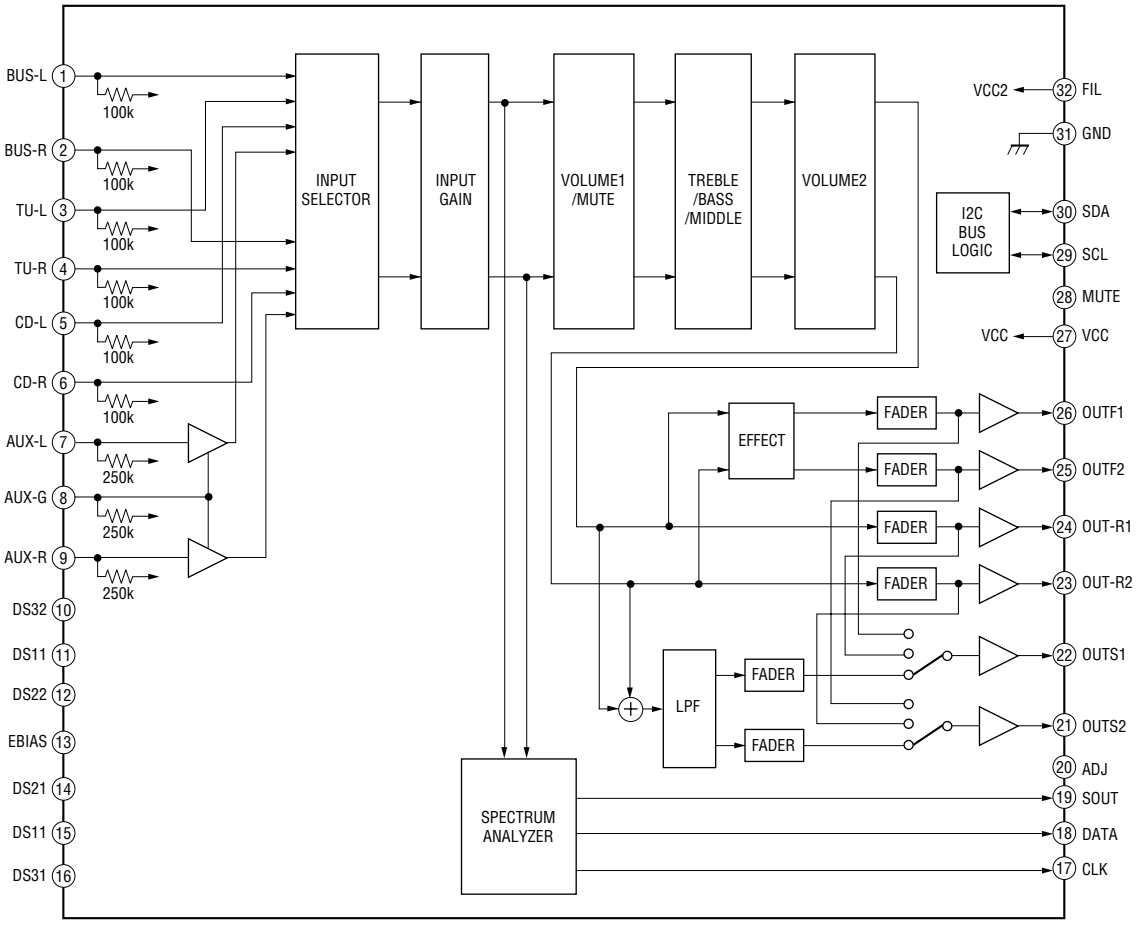
5-10. SCHEMATIC DIAGRAM — DISPLAY SECTION —

- Refer to page 27 for Waveforms.
- Refer to page 44 for IC Pin Description of IC901.

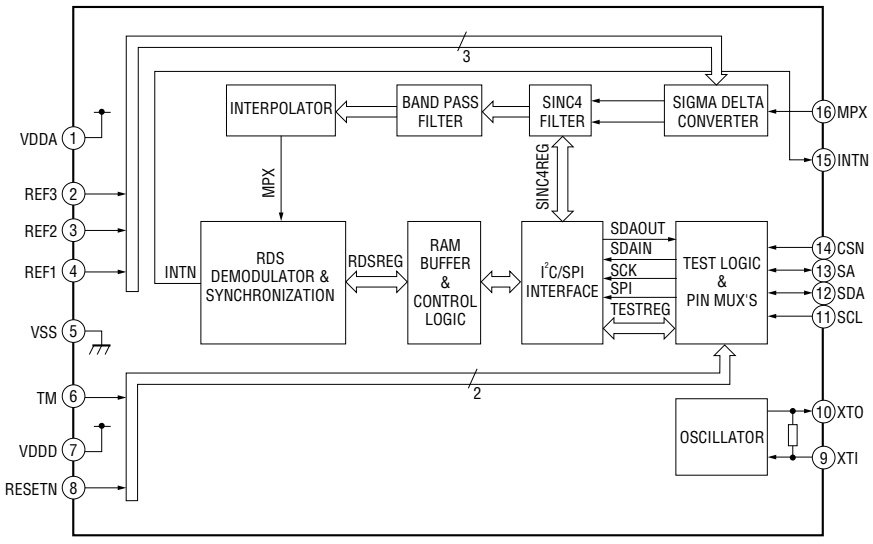


• IC BLOCK DIAGRAMS

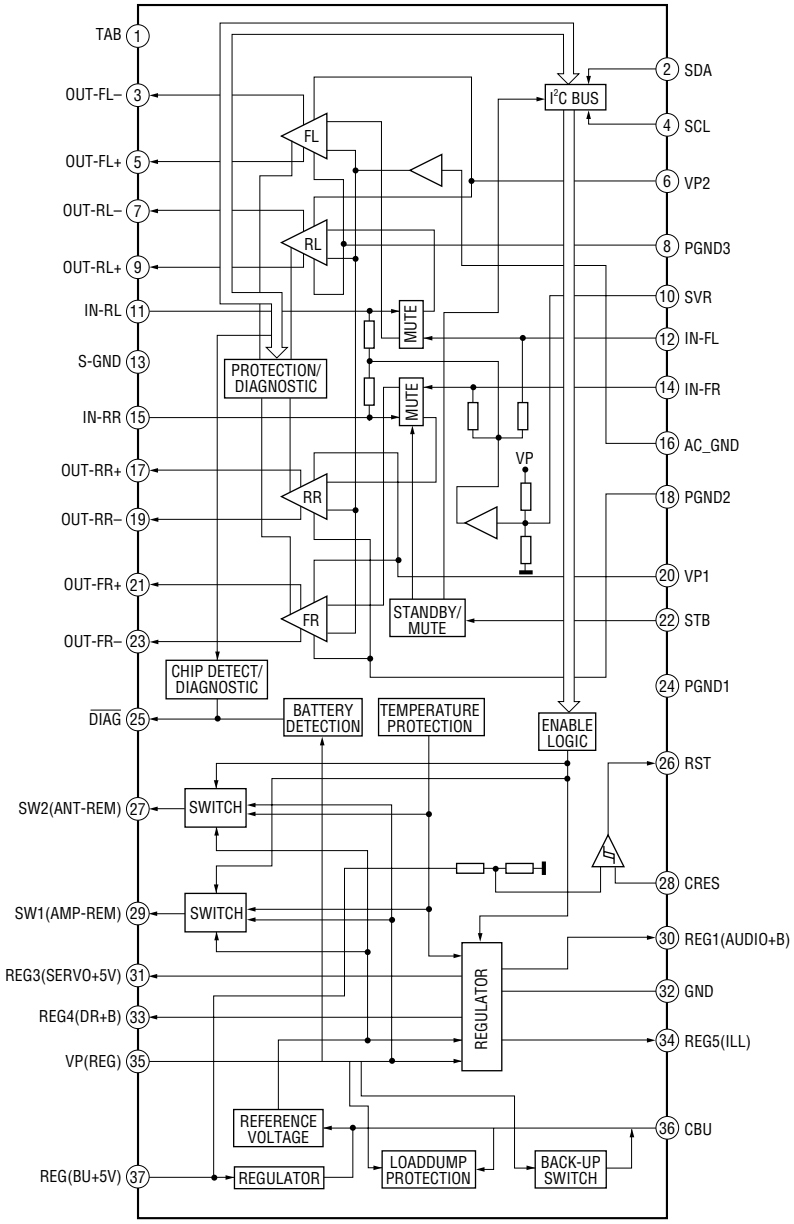
IC401 BD3442FS-E2 (MAIN Board (1/4))



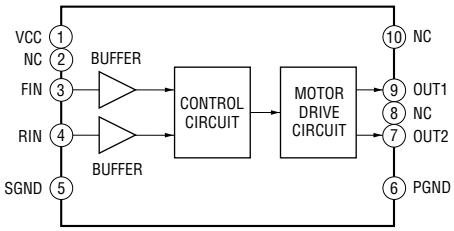
IC551 TDA7333013TR (MAIN Board (1/4))



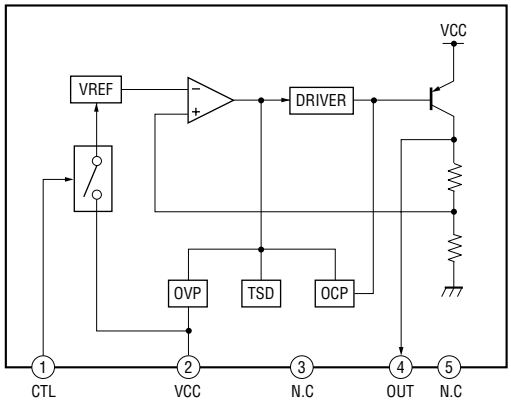
IC201 TDA8588AJ/N2/R1 (MAIN Board (2/4))



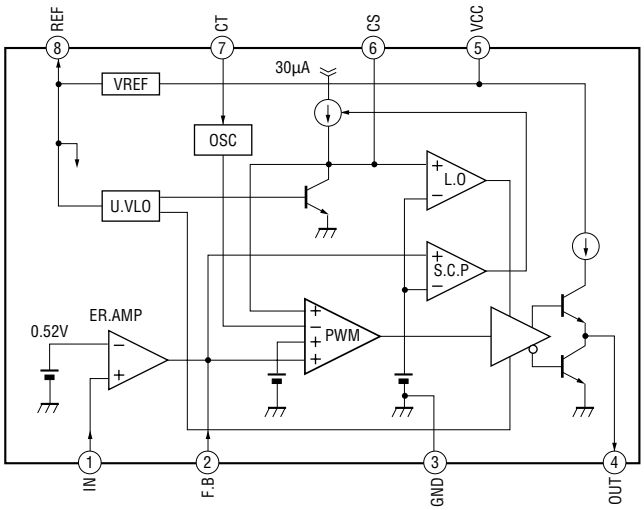
IC702 LB1930M-TLM-E (MAIN Board (3/4))



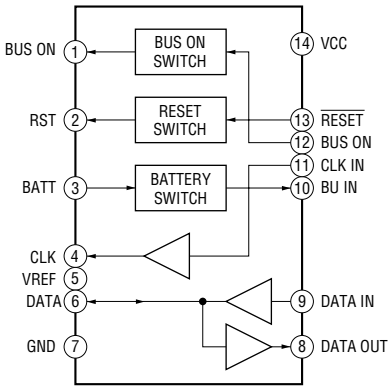
IC703 BA09CCOWFP-E2 (MAIN Board (3/4))



IC620 NJM2377M (TE2) (MAIN Board (4/4))



IC110 BA8271F-E2 (MAIN Board (4/4))



• IC PIN DESCRIPTION

IC303 M3062LFGPA01GP (SYSTEM CONTROL) (MAIN BOARD (3/4))

Pin No.	Pin Name	I/O	Pin Description
1	DST SEL0	I	Destination setting pin 0
2	FSW IN	I	D/D converter oscillator frequency count control signal input
3	UNI SO	O	SONY bus serial data signal output
4	UNI SI	I	SONY bus serial data signal input
5	UNI CKO	O	SONY bus serial clock signal output
6	BYTE	I	Connect to ground. (Fixed to “L”.)
7	CNVSS	I	Port for frash write H (Write switch) Normally operation: “L”
8	XCIN	I	Sub clock signal input (32.768 kHz)
9	XCOUT	O	Sub clock signal output (32.768 kHz)
10	RESET	I	Reset signal input
11	XOUT	O	Main clock signal output (6 MHz)
12	VSS	—	Ground pin
13	XIN	I	Main clock signal input (6 MHz)
14	VCC1	—	Power supply pin (+3.3 V)
15	NMI	I	Non-maskable interruption signal input Fixed to “H” for external pull-up resistor.
16	CDM ON	I	CD mechanism deck power supply control request signal input
17	$\overline{\text{DAVN}}$	I	AEP, UK model: RDS (Radio data system) data block synchronized detect signal input US, Canadian, E, Chinese model: Not used.
18	$\overline{\text{TUNER ATT IN}}$	I	Tuner mute zero cross detect signal input
19	NS MASK	O	AEP, UK model: Noise mask signal output US, Canadian, E, Chinese model: Not used.
20	BEEP	O	Beep signal output
21	$\overline{\text{TUNER ATT}}$	O	Tuner mute signal output
22	EESIO (TU)	I/O	Tuner EEPROM serial data signal input/output
23	EECKO (TU)	O	Tuner EEPROM serial clock signal output
24	NC	O	Not used in this set. (Open)
25	ATT	O	Mute signal output
26	NC	O	Not used in this set. (Open)
27	I2C CKO	O	I2C bus serial clock signal output
28	I2C SIO	I/O	I2C bus serial data signal input/output
29	TX	O	Flash write data signal output
30	RX	I	Flash write data signal input
31	NC	O	Not used in this set. (Open)
32	$\overline{\text{NC}}$	O	Not used in this set. (Open)
33	CD TX	O	CD flash write data signal output Not used in this set. (Open)
34	CD RX	I	CD flash write data signal input Not used in this set. (Open)
35	$\overline{\text{E MUTE}}$	O	Electronic volume mute signal output
36	E DATA	O	Spectrum analyzer serial data signal output
37	E CLK	O	Spectrum analyzer serial clock signal output
38	NC	O	Not used in this set. (Open)
39	HOLD	I	External data bus (HOLD) signal input Fixed to “L” for external pull-down resistor.
40	$\overline{\text{AMP DIAG}}$	I	Amplifier self-diagnostic test function signal input
41	AMP STB	O	Amplifier standby signal output
42, 43	NC	O	Not used in this set. (Open)
44	WRI/WR	I	External data bus (WRI/WR) signal input Fixed to “H” for external pull-up resistor.
45	WAKE UP OUT	O	CD mechanism wake up signal output Not used in this set. (Open)

Pin No.	Pin Name	I/O	Pin Description
46	OPEN REQ	I	CD mechanism open request signal input
47	EJECT OK	O	CD mechanism eject control signal output
48	P MONITOR	O	P-SNSR process monitor signal output
49	CD ON	I	CD servo power supply on/off control signal input
50	Z DET	I	CD zero mute signal input
51	$\overline{\text{ILL IN}}$	I	Illumination detect signal input
52	$\overline{\text{ACC IN}}$	I	Accessory detect signal input
53	TEL ATT	I	Telephone mute detect signal input
54	$\overline{\text{TEST IN}}$	I	Test mode detect signal input
55	$\overline{\text{RC IN1}}$	I	Rotary commander shift key signal input
56	$\overline{\text{SYSRESET}}$	O	System reset signal output
57	$\overline{\text{BUS ON}}$	O	Bus on signal output
58	FSW OUT	O	D/D converter oscillator frequency change signal output
59	AAC SEL	I	AAC select signal input “H”: AAC off
60	VCC2	—	Power supply pin (+3.3 V)
61	NC	O	Not used in this set. (Open)
62	VSS	—	Ground pin
63	MOTOR ON	O	Front panel motor drive power supply switch signal output
64	MOT+	O	Front panel open/close control output (Motor open)
65	MOT–	O	Front panel open/close control output (Motor close)
66	$\overline{\text{CLOSE SW}}$	I	Front panel close detect signal input
67	$\overline{\text{OPEN SW}}$	I	Front panel open detect signal input
68	P SNSR	I	Drive mechanism gear rotary information signal input
69	USB ON	O	USB power supply oscillator on/off signal output Not used in this set.
70	DST SEL1	I	Destination setting pin 1
71	DST SEL2	I	Destination setting pin 2
72	$\overline{\text{FL ON}}$	O	Vacuum fluorescent displays power supply on/off signal output
73	BU IN	I	Backup power supply detect signal input
74	FLD ON	O	Vacuum fluorescent displays driver power supply on/off signal output
75	HS EN	O	USB high side switch control signal output Not used in this set.
76	$\overline{\text{HS OC}}$	I	USB high side switch overcurrent detection signal input Not used in this set.
77	RE 1	I	Rotary encoder signal input 1
78	RE 0	I	Rotary encoder signal input 0
79	FP IDET	I	Front panel overcurrent detection signal input
80	TEMP TR	I	Temperature detect signal input
81	NC	O	Not used in this set. (Open)
82	QUALITY	I	Tuner noise detect signal input
83	VSM	I	S meter voltage signal input
84	KEY IN0	I	Key signal input 0
85	SP IN	I	Spectrum analyzer signal input from electronic volume
86	RC IN0	I	Rotary commander signal input 0
87	KEY ACK2	I	Rotary commander acknowledge signal input
88	KEY ACK0	I	Key acknowledge signal input
89	NC	O	Not used in this set. (Open)
90	$\overline{\text{DISP RESET}}$	O	Reset signal output to display IC
91	$\overline{\text{NOSE SW}}$	I	Front panel detect signal input
92	NC	O	Not used in this set. (Open)
93	$\overline{\text{DISP CE}}$	O	Chip enable signal output for display IC
94	AVSS	—	Ground pin
95	DOOR IND	O	Sub panel LED power supply control signal output

Pin No.	Pin Name	I/O	Pin Description
96	VREF	—	Reference voltage pin for A/D converter
97	AVCC	—	Power supply pin (+3.3 V)
98	DISP SI/RX	I	Communication signal input from display IC
99	DISP SO/TX	O	Communication signal output to display IC
100	DISP CKO	O	Communication clock signal output to display IC

IC901 M30876FJBA01GP (DISPLAY CONTROL) (DISPLAY BOARD)

Pin No.	Pin Name	I/O	Pin Description
1	$\overline{\text{SYS CE}}$	I	Main chip enable signal input
2	NC	O	Not used in this set. (Open)
3	FL DAT3	O	Vacuum fluorescent displays serial data signal output 3
4	NC	O	Not used in this set. (Open)
5	FL CLK IN	I	Vacuum fluorescent displays serial clock signal input
6	BYTE	I	Connect to ground. (Fixed to “L”.)
7	CNVSS	I	Port for flash write H (write switch) Normally operation: “L”
8, 9	NC	O	Not used in this set. (Open)
10	RESET	I	Reset signal input
11	XOUT	O	Main clock signal output (6.75 MHz)
12	VSS	—	Ground pin
13	XIN	I	Main clock signal input (6.75 MHz)
14	VCC1	—	Power supply pin (+3.3 V)
15	NMI	I	Non-maskable interruption signal input Fixed to “H” for external pull-up resistor.
16 to 18	NC	O	Not used in this set. (Open)
19	GCP TA4 IN	I	Vacuum fluorescent displays GCP TA4 signal input
20, 21	NC	O	Not used in this set. (Open)
22	BK TA3 OUT	O	Vacuum fluorescent displays BK TA3 signal output
23	NC	O	Not used in this set. (Open)
24	LAT TA2 OUT	O	Vacuum fluorescent displays latch TA2 signal output
25 to 27	NC	O	Not used in this set. (Open)
28	GCP TA0 OUT	O	Vacuum fluorescent displays GCP TA0 signal output
29	SYS SO	O	Main serial data signal output
30	SYS SI	I	Main serial data signal input
31	SYS CLK	I	Main serial clock signal input
32	NC	O	Not used in this set. (Open)
33	FL DAT1	O	Vacuum fluorescent displays serial data signal output 1
34	NC	O	Not used in this set. (Open)
35	FL CLK	I	Vacuum fluorescent displays serial clock signal input
36 to 38	NC	O	Not used in this set. (Open)
39	HOLD	I	External data bus (Hold) signal input Fixed to “L” for external pull-down resistor.
40 to 43	NC	O	Not used in this set. (Open)
44	WRI/WR	I	External data bus (WRI/WR) signal input Fixed to “H” for external pull-up resistor.
45 to 59	NC	O	Not used in this set. (Open)
60	VCC2	—	Power supply pin (+3.3 V)
61	NC	O	Not used in this set. (Open)
62	VSS	—	Ground pin
63 to 70	NC	O	Not used in this set. (Open)
71	$\overline{\text{PLUG IN}}$	I	AUX plug detect signal input
72 to 84	NC	O	Not used in this set. (Open)
85	KEY 1	I	Key signal input 1
86	KEY 2	I	Key signal input 2
87, 88	NC	O	Not used in this set. (Open)
89	SIRCS	I	SIRCS data signal input
90	NC	O	Not used in this set. (Open)
91	ILL BLUE	O	Illumination (blue) change control signal output

Pin No.	Pin Name	I/O	Pin Description
92	ILL RED	O	Illumination (red) change control signal output
93	DIM	O	Dimmer control signal output
94	AVSS	—	Ground pin
95	NC	O	Not used in this set. (Open)
96	VREF	—	Reference voltage power supply pin (+3.3 V)
97	AVCC	—	Power supply pin (+3.3 V)
98	NC	O	Not used in this set. (Open)
99	FL DAT2	O	Vacuum fluorescent displays serial data signal output 2
100	FL CLK OUT	O	Vacuum fluorescent displays serial clock signal output 2

SECTION 6
EXPLODED VIEWS

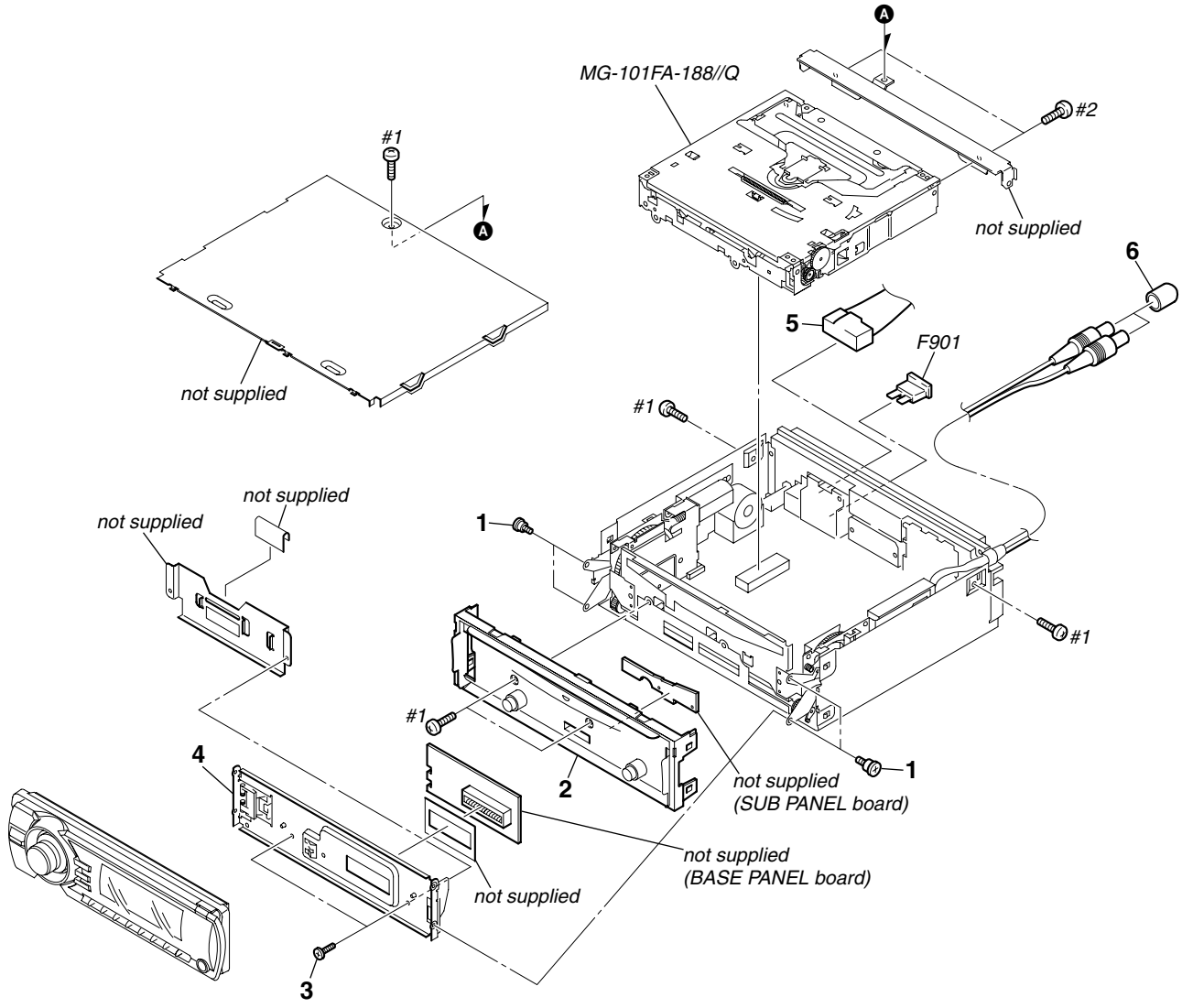
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CND : Canadian model
  CH : Chinese model
  MX : Mexican model
  IND : Indian model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Accessories are given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

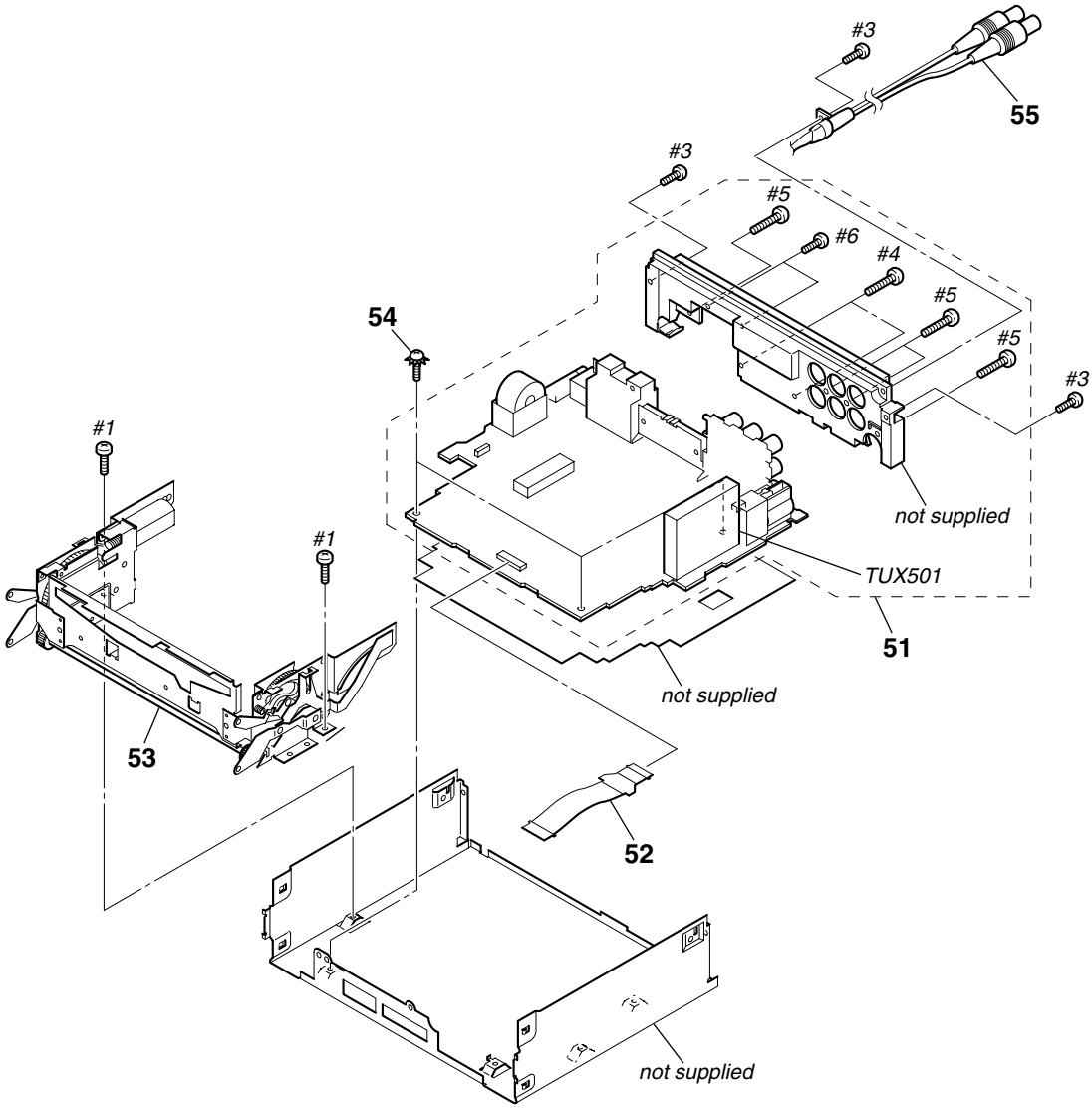
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

6-1. MAIN SECTION



Ref. No.	Part No.	Description	Remark
1	3-265-290-11	SCREW (PANEL F)	
2	X-2149-941-1	PANEL ASSY, SUB	
3	3-042-244-11	SCREW (T)	
4	X-2149-765-1	PANEL ASSY, BASE	
5	1-831-837-11	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP,UK)
5	1-833-102-11	CORD (WITH CONNECTOR) (POWER)	(EXCEPT AEP,UK,IND)
5	1-833-762-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (for Maruti Suzuki) (IND)	
6	3-264-798-01	CAP	
F901	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A	
#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
#2	7-685-790-01	SCREW +PTT 2.6X4 (S)	

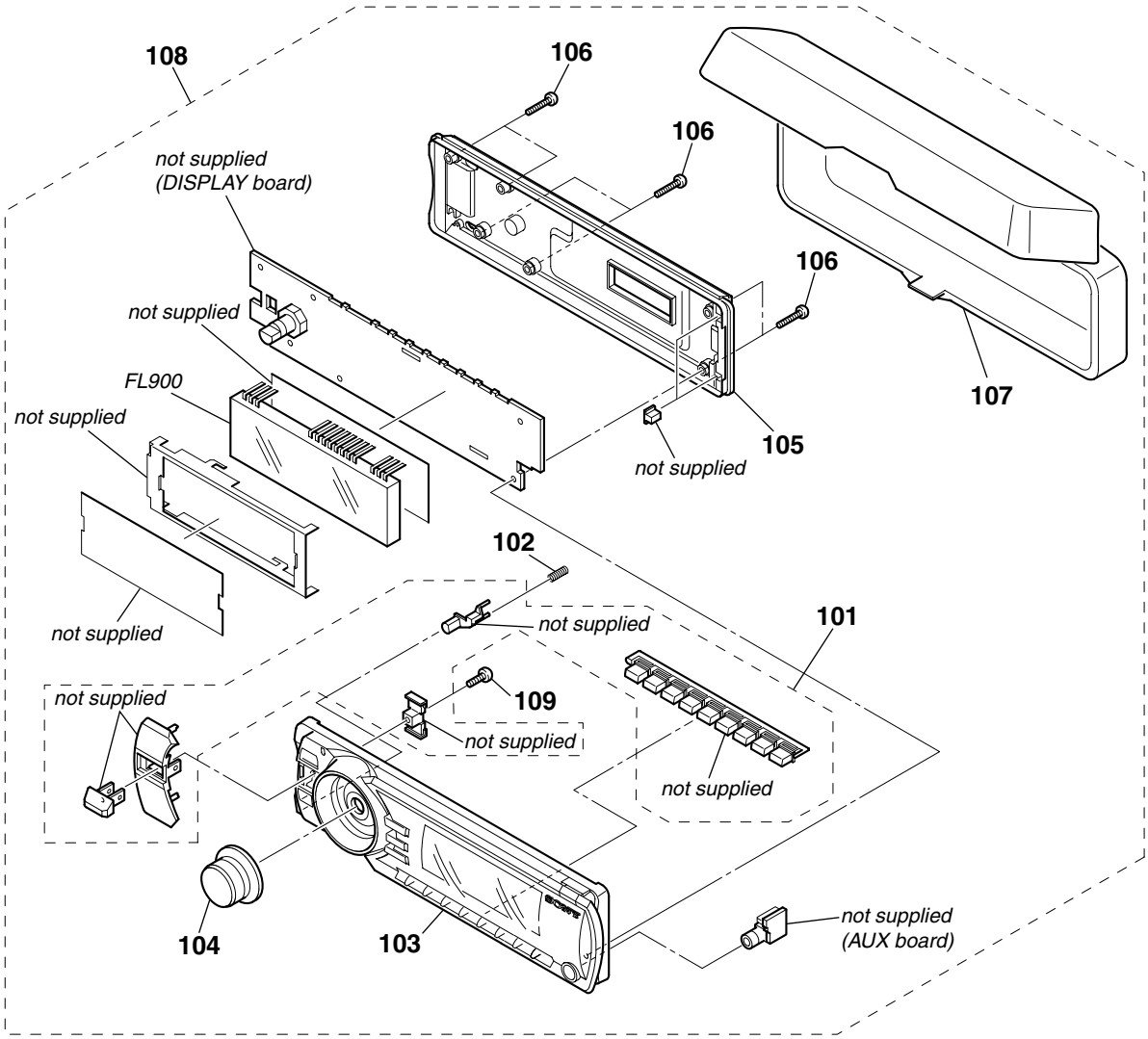
6-2. MAIN BOARD SECTION



Ref. No.	Part No.	Description	Remark
51	A-1224-588-A	MAIN BOARD, COMPLETE (US,CND)	
51	A-1225-591-A	MAIN BOARD, COMPLETE (AEP,UK)	
51	A-1225-593-A	MAIN BOARD, COMPLETE (E,CH,MX,IND)	
52	1-872-512-11	FLEXIBLE BOARD	
53	A-1221-342-A	DB-F07//CN	
54	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT	
55	1-833-835-11	CONNECTION CORD FOR AUTOMOBILE (SUB OUT (MONO))	

Ref. No.	Part No.	Description	Remark
TUX501	A-3220-961-B	TUNER UNIT (TUX-032)	
#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
#3	7-685-793-09	SCREW +PTT 2.6X8 (S)	
#4	7-685-795-09	SCREW +PTT 2.6X12 (S)	
#5	7-685-794-09	SCREW +PTT 2.6X10 (S)	
#6	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	

6-3. FRONT PANEL SECTION

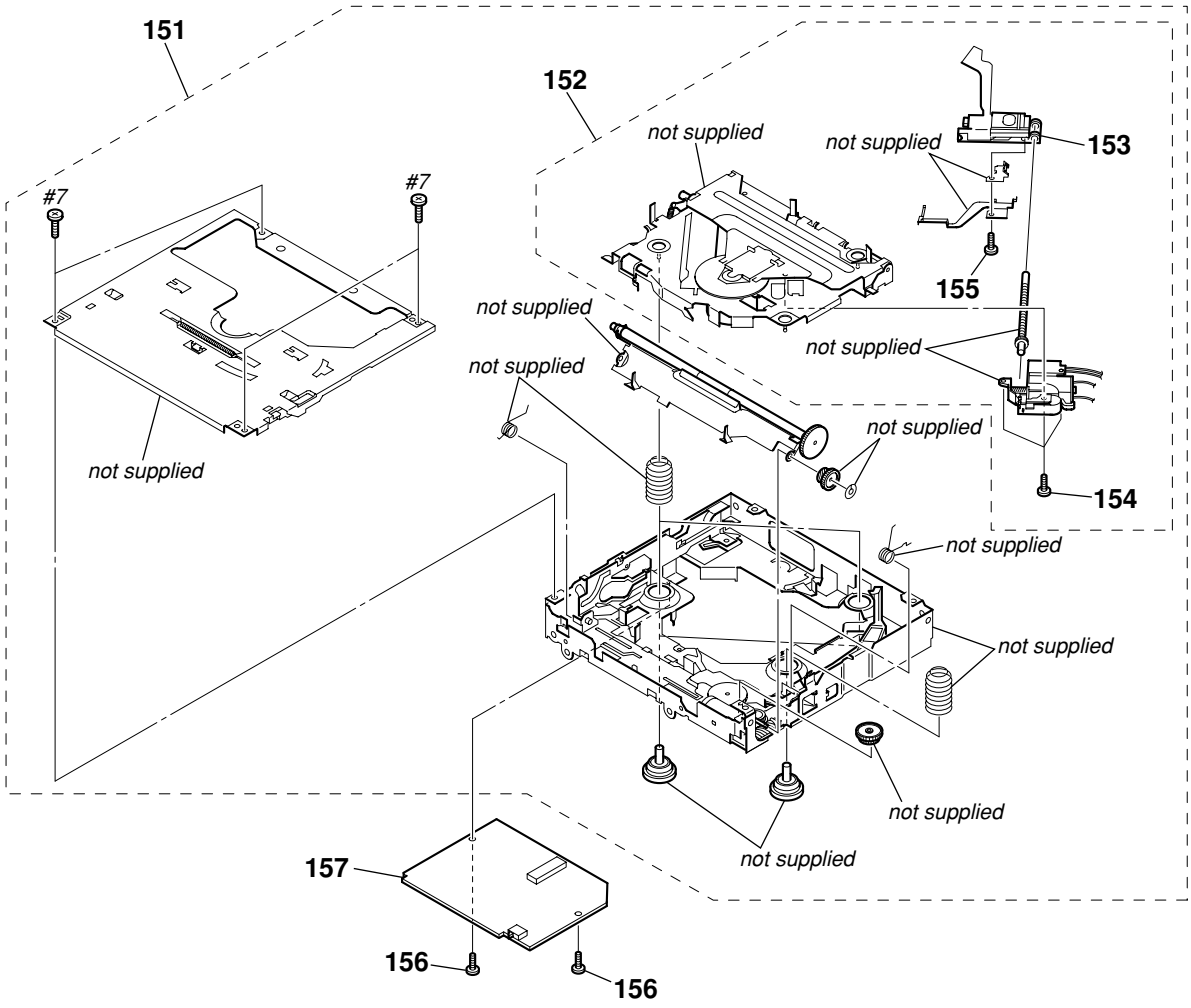


Ref. No.	Part No.	Description	Remark
101	X-2176-691-1	BUTTON ASSY (S) (EXCEPT AEP,UK)	
101	X-2176-692-1	BUTTON ASSY (S) (AEP,UK)	
102	3-264-712-01	SPRING (OPEN)	
103	X-2176-686-2	PANEL (SV) ASSY, FRONT (GT71W)	
103	X-2176-687-2	PANEL (SV) ASSY, FRONT (GT710:US,CND)	
103	X-2176-688-2	PANEL (SV) ASSY, FRONT (GT710:AEP,UK)	
103	X-2176-689-2	PANEL (SV) ASSY, FRONT (GT760)	
104	X-2176-693-2	COVER (KNOB) (SV) ASSY	
105	2-698-329-01	PANEL (BACK)	
106	3-250-543-21	SCREW (+B P-TITE M2)	

Ref. No.	Part No.	Description	Remark
107	X-2149-228-2	CASE ASSY (for FRONT PANEL) (EXCEPT US)	
108	A-1226-163-A	PANEL COMPLETE ASSY, FRONT (GT71W)	
108	A-1226-164-A	PANEL COMPLETE ASSY, FRONT (GT710:US)	
108	A-1226-165-A	PANEL COMPLETE ASSY, FRONT (GT710:AEP,UK)	
108	A-1226-166-A	PANEL COMPLETE ASSY, FRONT (GT760)	
108	A-1237-955-A	PANEL COMPLETE ASSY, FRONT (GT710:CND)	
109	3-078-890-31	SCREW, TAPPING	
FL900	1-519-842-11	VACUUM FLUORESCENT DISPLAY	

6-4. CD MECHANISM SECTION (MG-101FA-188//Q)

NOTE: Refer to SUPPLEMENT-1 for disassembly of OPTICAL PICK-UP.



Ref. No.	Part No.	Description	Remark
151	A-1177-168-A	MECHANICAL BLOCK ASSY	
152	A-1177-169-A	DAXEV//Q	
⚠153	X-2149-672-1	SERVICE ASSY, OP (DAX-25A)	
154	2-626-869-01	SCREW (M2X3), SERRATION	
155	3-348-998-31	SCREW (M1.4X2.5), TAPPING, PAN	
156	3-352-758-31	SCREW (M1.7X2.5), TOOTHED LOCK	
157	A-1177-362-A	SERVO BOARD, COMPLETE	
#7	7-627-000-08	SCREW, PRECISION +P 1.7X2.2 TYPE3	

SECTION 7
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Abbreviation
  CND : Canadian model
  CH : Chinese model
  MX : Mexican model
  IND : Indian model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
		AUX BOARD			
		**********			
		< JACK >			
J991	1-820-664-11	SMALL TYPE JACK (WITH SWITCH) (AUX)			
		< FERRITE BEAD >			
R1	1-500-329-21	INDUCTOR, FERRITE BEAD			
R2	1-500-329-21	INDUCTOR, FERRITE BEAD			
R3	1-500-329-21	INDUCTOR, FERRITE BEAD			
**********					
		BASE PANEL BOARD			
		**********			
		< CONNECTOR >			
CN904	1-820-630-11	SOCKET, CONNECTOR 24P			
CN905	1-818-076-71	CONNECTOR, FFC/FPC (ZIF) 36P			
		< SWITCH >			
S901	1-798-032-11	SWITCH, DETECTION (NOSE DET)			
S902	1-786-653-21	SWITCH, TACTILE (RESET)			
**********					
		DISPLAY BOARD			
		**********			
		< CAPACITOR >			
C901	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C903	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C904	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C910	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C914	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C915	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C916	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C919	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C923	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C925	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C956	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C957	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C958	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C981	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
		< CONNECTOR >			
CN902	1-820-620-11	PLUG, CONNECTOR 24P			

Ref. No.	Part No.	Description			Remark
		< DIODE >			
D931	8-719-420-90	DIODE MA8051-M			
D932	8-719-420-90	DIODE MA8051-M			
D933	8-719-420-90	DIODE MA8051-M			
D934	8-719-420-90	DIODE MA8051-M			
D935	8-719-420-90	DIODE MA8051-M			
D936	8-719-420-90	DIODE MA8051-M			
D937	8-719-420-90	DIODE MA8051-M			
D938	8-719-420-90	DIODE MA8051-M			
D951	8-719-420-90	DIODE MA8051-M			
D952	1-803-902-21	PROTECTOR CHIP, SURGE			
D953	1-803-902-21	PROTECTOR CHIP, SURGE			
D954	1-803-902-21	PROTECTOR CHIP, SURGE			
D955	8-719-420-90	DIODE MA8051-M			
D956	8-719-420-90	DIODE MA8051-M			
		< RESISTOR >			
FB901	1-216-809-11	METAL CHIP	100	5%	1/10W
FB902	1-216-809-11	METAL CHIP	100	5%	1/10W
FB903	1-216-809-11	METAL CHIP	100	5%	1/10W
FB904	1-216-864-11	SHORT CHIP	0		
FB905	1-216-809-11	METAL CHIP	100	5%	1/10W
FB908	1-216-809-11	METAL CHIP	100	5%	1/10W
FB911	1-216-864-11	SHORT CHIP	0		
FB912	1-216-809-11	METAL CHIP	100	5%	1/10W
FB913	1-216-809-11	METAL CHIP	100	5%	1/10W
FB914	1-216-809-11	METAL CHIP	100	5%	1/10W
FB915	1-216-809-11	METAL CHIP	100	5%	1/10W
FB916	1-216-809-11	METAL CHIP	100	5%	1/10W
FB917	1-216-864-11	SHORT CHIP	0		
FB918	1-216-864-11	SHORT CHIP	0		
FB919	1-216-864-11	SHORT CHIP	0		
FB920	1-216-809-11	METAL CHIP	100	5%	1/10W
FB921	1-216-809-11	METAL CHIP	100	5%	1/10W
FB922	1-216-864-11	SHORT CHIP	0		
FB923	1-216-864-11	SHORT CHIP	0		
		< VACUUM FLUORESCENT DISPLAY >			
FL900	1-519-842-11	VACUUM FLUORESCENT DISPLAY			
		< IC >			
IC901	6-710-864-01	IC M30876FJBA01GP			
IC903	6-600-163-01	IC RS-770 (IR)			

Ref. No.	Part No.	Description			Remark
		< JUMPER RESISTOR >			
JC902	1-216-864-11	SHORT CHIP	0		
JC907	1-216-864-11	SHORT CHIP	0		
JR921	1-216-864-11	SHORT CHIP	0		
JR925	1-216-864-11	SHORT CHIP	0		
		< DIODE >			
LED920	6-501-376-01	LED SO-194S-WM-SD-T			(RING ILLUMINATION)
LED922	6-501-376-01	LED SO-194S-WM-SD-T			(RING ILLUMINATION)
LED923	6-501-376-01	LED SO-194S-WM-SD-T			(RING ILLUMINATION)
LED924	6-501-376-01	LED SO-194S-WM-SD-T			(RING ILLUMINATION)
LED926	6-501-376-01	LED SO-194S-WM-SD-T			(RING ILLUMINATION)
LED927	6-501-376-01	LED SO-194S-WM-SD-T			(RING ILLUMINATION)
		< SWITCH >			
LSW901	1-798-019-11	SWITCH, TACTILE (WITH LED) (SEEK+ ▶▶I)			
LSW902	1-798-019-11	SWITCH, TACTILE (WITH LED) (SEEK– I◀◀)			
LSW903	1-798-019-11	SWITCH, TACTILE (WITH LED) (DSPL)			(EXCEPT GT710:AEP,UK)
LSW903	1-798-019-11	SWITCH, TACTILE (WITH LED) (DSPL/PTY)			(GT710:AEP,UK)
LSW904	1-798-019-11	SWITCH, TACTILE (WITH LED) (LIST)			
LSW905	1-798-019-11	SWITCH, TACTILE (WITH LED) (IMAGE)			
LSW906	1-798-019-11	SWITCH, TACTILE (WITH LED) (MENU)			
LSW907	1-798-019-11	SWITCH, TACTILE (WITH LED) (6/PAUSE)			
LSW908	1-798-019-11	SWITCH, TACTILE (WITH LED) (5/BBE MP)			
LSW909	1-798-019-11	SWITCH, TACTILE (WITH LED) (4/GP/ALBM +)			
LSW910	1-798-019-11	SWITCH, TACTILE (WITH LED) (3/GP/ALBM –)			
LSW911	1-798-019-11	SWITCH, TACTILE (WITH LED) (2/SHUF)			
LSW912	1-798-019-11	SWITCH, TACTILE (WITH LED) (1/REP)			
LSW913	1-798-019-11	SWITCH, TACTILE (WITH LED) (SCRL)			(EXCEPT GT710:AEP,UK)
LSW913	1-798-019-11	SWITCH, TACTILE (WITH LED) (AF/TA)			(GT710:AEP,UK)
LSW914	1-798-019-11	SWITCH, TACTILE (WITH LED) (OFF)			
LSW915	1-798-019-11	SWITCH, TACTILE (WITH LED) (⏏/ANGLE)			
		< TRANSISTOR >			
Q920	6-550-752-01	TRANSISTOR DTC614TKT146			
Q921	6-550-752-01	TRANSISTOR DTC614TKT146			
Q922	6-550-752-01	TRANSISTOR DTC614TKT146			
		< RESISTOR >			
R901	1-216-820-11	METAL CHIP	820	5%	1/10W
R902	1-216-821-11	METAL CHIP	1K	5%	1/10W
R903	1-216-821-11	METAL CHIP	1K	5%	1/10W
R904	1-216-821-11	METAL CHIP	1K	5%	1/10W
R905	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R906	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R907	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R908	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R909	1-216-820-11	METAL CHIP	820	5%	1/10W
R910	1-216-821-11	METAL CHIP	1K	5%	1/10W
R911	1-216-820-11	METAL CHIP	820	5%	1/10W
R912	1-216-821-11	METAL CHIP	1K	5%	1/10W
R913	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R914	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R915	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R916	1-216-845-11	METAL CHIP	100K	5%	1/10W
R917	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R918	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R919	1-216-864-11	SHORT CHIP	0		
R920	1-216-820-11	METAL CHIP	820	5%	1/10W
R921	1-216-819-11	METAL CHIP	680	5%	1/10W
R922	1-216-818-11	METAL CHIP	560	5%	1/10W
R923	1-216-817-11	METAL CHIP	470	5%	1/10W
R924	1-216-818-11	METAL CHIP	560	5%	1/10W
R925	1-216-817-11	METAL CHIP	470	5%	1/10W
R926	1-216-818-11	METAL CHIP	560	5%	1/10W
R927	1-216-817-11	METAL CHIP	470	5%	1/10W
R928	1-216-818-11	METAL CHIP	560	5%	1/10W
R929	1-216-817-11	METAL CHIP	470	5%	1/10W
R931	1-216-814-11	METAL CHIP	270	5%	1/10W
R932	1-216-814-11	METAL CHIP	270	5%	1/10W
R933	1-216-814-11	METAL CHIP	270	5%	1/10W
R934	1-216-814-11	METAL CHIP	270	5%	1/10W
R936	1-216-815-11	METAL CHIP	330	5%	1/10W
R937	1-216-864-11	SHORT CHIP	0		
R938	1-216-864-11	SHORT CHIP	0		
R939	1-216-864-11	SHORT CHIP	0		
R940	1-216-864-11	SHORT CHIP	0		
R941	1-216-818-11	METAL CHIP	560	5%	1/10W
R942	1-216-814-11	METAL CHIP	270	5%	1/10W
R944	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R945	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R946	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R948	1-216-864-11	SHORT CHIP	0		
R949	1-216-864-11	SHORT CHIP	0		
R950	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R951	1-216-845-11	METAL CHIP	100K	5%	1/10W
R952	1-216-845-11	METAL CHIP	100K	5%	1/10W
R953	1-216-845-11	METAL CHIP	100K	5%	1/10W
R954	1-216-833-11	METAL CHIP	10K	5%	1/10W
R955	1-216-833-11	METAL CHIP	10K	5%	1/10W
R956	1-216-809-11	METAL CHIP	100	5%	1/10W
R958	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R959	1-216-845-11	METAL CHIP	100K	5%	1/10W
R960	1-216-845-11	METAL CHIP	100K	5%	1/10W
R961	1-216-845-11	METAL CHIP	100K	5%	1/10W
R962	1-216-845-11	METAL CHIP	100K	5%	1/10W
R963	1-216-017-11	RES-CHIP	47	5%	1/10W
R964	1-216-017-11	RES-CHIP	47	5%	1/10W
R965	1-216-864-11	SHORT CHIP	0		
R981	1-216-813-11	METAL CHIP	220	5%	1/10W
R982	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< SWITCH >			
S903	1-786-653-21	SWITCH, TACTILE (SOURCE)			
S904	1-786-653-21	SWITCH, TACTILE (MODE)			
S906	1-479-942-11	ENCODER, ROTARY (PUSH SOUND/ENTER, VOLUME)			

Ref. No.	Part No.	Description			Remark
		< VIBRATOR >			
X901	1-813-522-21	VIBRATOR, CERAMIC (6.75MHz)			
**********					
	A-1224-588-A	MAIN BOARD, COMPLETE (US,CND)			
	A-1225-591-A	MAIN BOARD, COMPLETE (AEP,UK)			
	A-1225-593-A	MAIN BOARD, COMPLETE (E,CH,MX,IND)			
		**********			
	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT			
	7-685-794-09	SCREW +PTT 2.6X10 (S)			
	7-685-795-09	SCREW +PTT 2.6X12 (S)			
		< CAPACITOR >			
C101	1-126-935-11	ELECT	470uF	20%	16V
C102	1-126-160-11	ELECT	1uF	20%	50V
C103	1-112-302-11	ELECT	3300uF	20%	16V
C104	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C105	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C107	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C110	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C111	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C112	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C121	1-124-231-61	ELECT	4.7uF	20%	16V
C142	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C173	1-124-721-85	ELECT	10uF	20%	50V (AEP,UK)
C173	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C178	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C183	1-124-721-85	ELECT	10uF	20%	50V (AEP,UK)
C183	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C188	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C201	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C202	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C203	1-126-961-11	ELECT	2.2uF	20%	50V
C204	1-107-907-11	ELECT	22uF	20%	50V
C205	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C206	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C207	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C208	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C209	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C210	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C211	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C212	1-126-934-11	ELECT	220uF	20%	16V
C214	1-126-964-11	ELECT	10uF	20%	50V
C215	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C216	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C217	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C218	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C219	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C221	1-126-933-11	ELECT	100uF	20%	16V
C223	1-126-964-11	ELECT	10uF	20%	50V
C225	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C226	1-126-176-11	ELECT	220uF	20%	10V
C227	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C228	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V

Ref. No.	Part No.	Description			Remark
C229	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C232	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C236	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C237	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C238	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C239	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C242	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C273	1-124-721-85	ELECT	10uF	20%	50V (AEP,UK)
C273	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C278	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C283	1-124-721-85	ELECT	10uF	20%	50V (AEP,UK)
C283	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C288	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C301	1-125-972-61	ELECT	100uF	20%	16V
C302	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C303	1-125-972-61	ELECT	100uF	20%	16V
C304	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C305	1-125-972-61	ELECT	100uF	20%	16V
C306	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C311	1-126-916-11	ELECT	1000uF	20%	6.3V
C313	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C315	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C316	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C317	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C318	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C321	1-126-369-11	ELECT	220uF	20%	6.3V
C322	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C323	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C325	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C326	1-128-057-11	ELECT	330uF	20%	6.3V
C327	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C328	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C331	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C332	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C333	1-125-972-61	ELECT	100uF	20%	16V
C334	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C340	1-124-234-00	ELECT	22uF	20%	16V
C342	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C351	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C352	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C401	1-124-589-11	ELECT	47uF	20%	16V
C405	1-126-960-11	ELECT	1uF	20%	50V
C406	1-126-960-11	ELECT	1uF	20%	50V
C410	1-124-721-85	ELECT	10uF	20%	50V (AEP,UK)
C410	1-126-964-11	ELECT	10uF	20%	50V (EXCEPT AEP,UK)
C418	1-126-961-11	ELECT	2.2uF	20%	50V
C419	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C420	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C421	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C422	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C423	1-136-159-00	FILM	0.033uF	5%	50V
C424	1-136-159-00	FILM	0.033uF	5%	50V

Ref. No.	Part No.	Description			Remark
C425	1-124-717-85	ELECT	1uF	20%	50V (AEP,UK)
C425	1-126-960-11	ELECT	1uF	20%	50V (EXCEPT AEP,UK)
C426	1-124-717-85	ELECT	1uF	20%	50V (AEP,UK)
C426	1-126-960-11	ELECT	1uF	20%	50V (EXCEPT AEP,UK)
C427	1-126-960-11	ELECT	1uF	20%	50V
C428	1-126-960-11	ELECT	1uF	20%	50V
C429	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C430	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C433	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C434	1-124-673-85	ELECT	100uF	20%	10V (AEP,UK)
C434	1-126-933-11	ELECT	100uF	20%	16V (EXCEPT AEP,UK)
C442	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C443	1-126-964-11	ELECT	10uF	20%	50V
C455	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C501	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C502	1-126-964-11	ELECT	10uF	20%	50V
C503	1-126-963-11	ELECT	4.7uF	20%	50V (AEP,UK)
C505	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C509	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C510	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C512	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C513	1-126-933-11	ELECT	100uF	20%	16V
C514	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (EXCEPT AEP,UK)
C544	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C551	1-126-947-11	ELECT	47uF	20%	35V (AEP,UK)
C552	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (AEP,UK)
C553	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (AEP,UK)
C554	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (AEP,UK)
C555	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (AEP,UK)
C556	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (AEP,UK)
C557	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (AEP,UK)
C558	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (AEP,UK)
C559	1-162-917-11	CERAMIC CHIP	15PF	5%	50V (AEP,UK)
C560	1-162-917-11	CERAMIC CHIP	15PF	5%	50V (AEP,UK)
C561	1-162-959-11	CERAMIC CHIP	330PF	5%	50V (AEP,UK)
C620	1-125-972-61	ELECT	100uF	20%	16V
C621	1-128-552-11	ELECT	47uF	20%	63V
C622	1-125-972-61	ELECT	100uF	20%	16V
C623	1-126-096-11	ELECT	10uF	20%	35V
C624	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C625	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C626	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C628	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C629	1-126-933-11	ELECT	100uF	20%	16V
C630	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C632	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C701	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C702	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C703	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C704	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C705	1-126-947-11	ELECT	47uF	20%	35V
C706	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C707	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C708	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C709	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
* CN401	1-564-506-11	PLUG, CONNECTOR 3P			
CN604	1-785-900-21	CONNECTOR 5P			
CN605	1-785-900-21	CONNECTOR 5P			
* CN702	1-566-762-11	PIN, CONNECTOR (PC BOARD) 7P			
CN801	1-818-076-71	CONNECTOR, FFC/FPC (ZIF) 36P			
		< JACK >			
CNJ101	1-566-822-41	JACK (REMOTE IN)			
		< CONNECTOR >			
CNP101	1-774-701-21	PIN, CONNECTOR 16P			
CNP102	1-580-907-41	PLUG, CONNECTOR 8P (BUS CONTROL IN)			
CNP301	1-820-611-11	CONNECTOR, BOARD TO BOARD 28P			
		< DIODE >			
D101	8-719-057-80	DIODE MA8180-M-TX			
D102	8-719-057-80	DIODE MA8180-M-TX			
D103	8-719-058-24	DIODE RB501V-40TE-17			
D104	8-719-422-64	DIODE MA8062-M			
D105	8-719-057-80	DIODE MA8180-M-TX			
D106	8-719-977-12	DIODE DTZ6.8B			
D108	8-719-057-80	DIODE MA8180-M-TX			
D109	6-501-571-01	DIODE 1N5404-C311-3			
D110	8-719-053-18	DIODE 1SR154-400TE-25			
D111	8-719-053-18	DIODE 1SR154-400TE-25			
D112	8-719-053-18	DIODE 1SR154-400TE-25			
D113	8-719-053-18	DIODE 1SR154-400TE-25			
D114	8-719-053-18	DIODE 1SR154-400TE-25			
D115	8-719-053-18	DIODE 1SR154-400TE-25			
D116	8-719-053-18	DIODE 1SR154-400TE-25			
D117	8-719-053-18	DIODE 1SR154-400TE-25			
D118	8-719-053-18	DIODE 1SR154-400TE-25			
D119	8-719-053-18	DIODE 1SR154-400TE-25			
D120	8-719-053-18	DIODE 1SR154-400TE-25			
D121	8-719-053-18	DIODE 1SR154-400TE-25			
D125	6-501-193-01	DIODE 1SS355WTE-17			
D128	6-501-654-01	DIODE LBAT54CLT1G			
D138	8-719-057-80	DIODE MA8180-M-TX			
D139	8-719-057-80	DIODE MA8180-M-TX			
D301	6-501-656-01	DIODE LBAT54ALT1G			
D303	6-501-193-01	DIODE 1SS355WTE-17			
D304	6-501-193-01	DIODE 1SS355WTE-17			
D401	6-501-193-01	DIODE 1SS355WTE-17			

MAIN

Ref. No.	Part No.	Description			Remark
D402	6-500-335-01	DIODE MC2838-T112-1			
D404	8-719-057-80	DIODE MA8180-M-TX			
D501	8-719-977-03	DIODE DTZ5.6B			
D620	8-719-053-18	DIODE 1SR154-400TE-25			
D621	8-719-053-18	DIODE 1SR154-400TE-25			
D622	6-501-089-01	DIODE RF101L2STE25			
D623	8-719-067-83	DIODE RB161L-40TE25			
D625	8-719-057-80	DIODE MA8180-M-TX			
D626	8-719-420-90	DIODE MA8051-M			
D640	6-501-193-01	DIODE 1SS355WTE-17			
D703	6-500-334-01	DIODE MC2836-T112-1			
D814	8-719-057-80	DIODE MA8180-M-TX			
D823	8-719-977-12	DIODE DTZ6.8B			
D824	8-719-977-12	DIODE DTZ6.8B			
D825	8-719-977-12	DIODE DTZ6.8B			
D826	8-719-977-12	DIODE DTZ6.8B			
D827	8-719-977-12	DIODE DTZ6.8B			
D828	8-719-977-12	DIODE DTZ6.8B			
D829	8-719-977-12	DIODE DTZ6.8B			
D830	8-719-977-12	DIODE DTZ6.8B			
D831	8-719-977-12	DIODE DTZ6.8B			
D836	8-719-977-12	DIODE DTZ6.8B			
		< FERRITE BEAD >			
FB111	1-216-864-11	SHORT CHIP	0		
FB328	1-216-295-11	SHORT CHIP	0		
FB329	1-216-295-11	SHORT CHIP	0		
FB332	1-216-295-11	SHORT CHIP	0		
FB334	1-216-295-11	SHORT CHIP	0		
FB402	1-414-813-11	FERRITE, EMI (SMD) (2012)			
FB501	1-500-329-21	INDUCTOR, FERRITE BEAD			
FB502	1-216-295-11	SHORT CHIP	0		
FB503	1-500-329-21	INDUCTOR, FERRITE BEAD			
FB504	1-500-329-21	INDUCTOR, FERRITE BEAD			
FB551	1-216-001-00	RES-CHIP	10	5%	1/10W (AEP,UK)
FB552	1-216-001-00	RES-CHIP	10	5%	1/10W (AEP,UK)
		< IC >			
IC110	6-703-884-01	IC BA8271F-E2			
IC201	6-705-359-02	IC TDA8588AJ/N2/R1			
IC301	6-705-373-01	IC MM3123DPLE			
IC302	8-759-659-13	IC PST3428UL			
IC303	6-807-286-01	IC M3062LFGPA01GP			
IC401	6-710-065-01	IC BD3442FS-E2			
IC551	6-803-747-01	IC TDA7333013TR (AEP,UK)			
IC620	6-705-542-01	IC NJM2377M(TE2)			
IC701	8-759-693-13	IC NJM12904V(TE2)			
IC702	8-759-527-33	IC LB1930M-TLM-E			
IC703	6-706-999-01	IC BA09CC0WFP-E2			
		< JUMPER RESISTOR >			
JR601	1-216-864-11	SHORT CHIP	0		
JR602	1-216-864-11	SHORT CHIP	0		
JR607	1-216-296-11	SHORT CHIP	0		
JR609	1-216-864-11	SHORT CHIP	0		
JR610	1-216-864-11	SHORT CHIP	0		

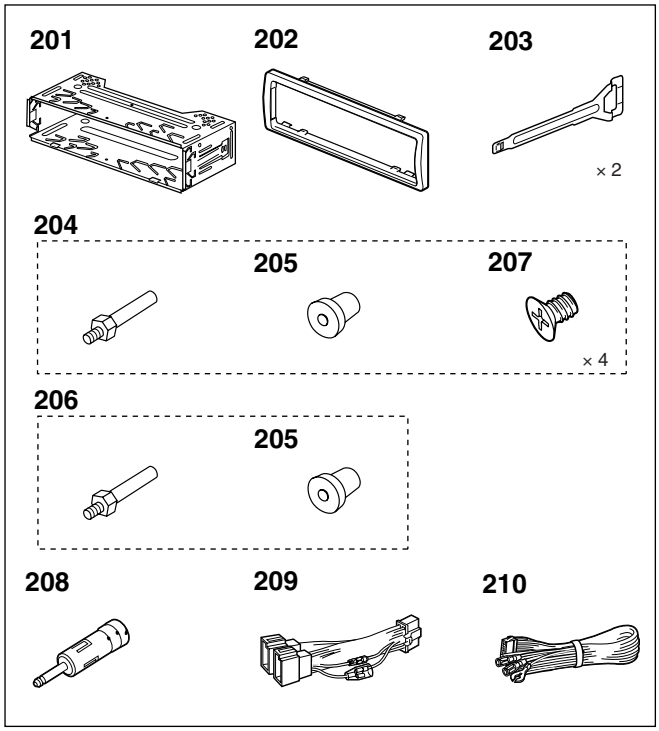
Ref. No.	Part No.	Description			Remark
JR618	1-216-295-11	SHORT CHIP	0		
		< COIL >			
L101	1-456-617-11	COIL, CHOKE			
L301	1-414-398-11	INDUCTOR	10uH		
L303	1-414-398-11	INDUCTOR	10uH		
L304	1-216-296-11	SHORT CHIP	0		
L402	1-216-296-11	SHORT CHIP	0		
L502	1-216-296-11	SHORT CHIP	0		
L503	1-414-394-41	INDUCTOR	2.2uH		
L620	1-457-073-11	INDUCTOR	47uH		
		< JACK >			
PJ401	1-774-700-11	JACK, PIN 6P (BUS AUDIO IN, AUDIO OUT REAR/FRONT)			
PJ501	1-815-185-13	JACK (ANTENNA)			
		< TRANSISTOR >			
Q101	8-729-027-43	TRANSISTOR DTC114EKA-T146			
Q102	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q103	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q110	8-729-027-23	TRANSISTOR DTA114EKA-T146			
Q111	8-729-027-23	TRANSISTOR DTA114EKA-T146			
Q112	8-729-027-43	TRANSISTOR DTC114EKA-T146			
Q121	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q134	8-729-027-43	TRANSISTOR DTC114EKA-T146			
Q171	6-550-752-01	TRANSISTOR DTC614TKT146			
Q181	6-550-752-01	TRANSISTOR DTC614TKT146			
Q271	6-550-752-01	TRANSISTOR DTC614TKT146			
Q281	6-550-752-01	TRANSISTOR DTC614TKT146			
Q301	6-551-120-01	TRANSISTOR 2SA2119K			
Q302	8-729-027-43	TRANSISTOR DTC114EKA-T146			
Q303	8-729-027-43	TRANSISTOR DTC114EKA-T146			
Q380	1-801-806-11	TRANSISTOR DTC144EKA (AEP,UK)			
Q401	8-729-027-43	TRANSISTOR DTC114EKA-T146			
Q402	8-729-027-23	TRANSISTOR DTA114EKA-T146			
Q470	6-550-752-01	TRANSISTOR DTC614TKT146			
Q501	6-551-431-01	TRANSISTOR 2SC6027T100-QR			
Q551	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R (AEP,UK)			
Q552	1-801-806-11	TRANSISTOR DTC144EKA (AEP,UK)			
Q620	6-551-131-01	FET 2SK3614-TD-E			
Q621	8-729-027-23	TRANSISTOR DTA114EKA-T146			
Q622	1-801-806-11	TRANSISTOR DTC144EKA			
Q623	1-801-806-11	TRANSISTOR DTC144EKA			
Q624	8-729-027-43	TRANSISTOR DTC114EKA-T146			
Q641	8-729-027-53	TRANSISTOR DTC124TKA-T146			
Q642	8-729-027-23	TRANSISTOR DTA114EKA-T146			
Q701	1-801-806-11	TRANSISTOR DTC144EKA			
Q702	1-801-806-11	TRANSISTOR DTC144EKA			
Q703	8-729-027-23	TRANSISTOR DTA114EKA-T146			
		< RESISTOR >			
R101	1-216-077-11	RES-CHIP	15K	5%	1/10W
R102	1-216-049-11	RES-CHIP	1K	5%	1/10W
R103	1-216-821-11	METAL CHIP	1K	5%	1/10W
R104	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R105	1-216-841-11	METAL CHIP	47K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R106	1-216-841-11	METAL CHIP	47K	5%	1/10W
R107	1-216-073-00	RES-CHIP	10K	5%	1/10W
R108	1-216-073-00	RES-CHIP	10K	5%	1/10W
R109	1-216-833-11	METAL CHIP	10K	5%	1/10W
R110	1-216-833-11	METAL CHIP	10K	5%	1/10W
R111	1-216-841-11	METAL CHIP	47K	5%	1/10W
R112	1-216-821-11	METAL CHIP	1K	5%	1/10W
R114	1-216-809-11	METAL CHIP	100	5%	1/10W
R115	1-216-809-11	METAL CHIP	100	5%	1/10W
R116	1-216-809-11	METAL CHIP	100	5%	1/10W
R117	1-216-821-11	METAL CHIP	1K	5%	1/10W
R118	1-216-821-11	METAL CHIP	1K	5%	1/10W
R119	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R120	1-216-073-00	RES-CHIP	10K	5%	1/10W
R121	1-216-073-00	RES-CHIP	10K	5%	1/10W
R122	1-216-845-11	METAL CHIP	100K	5%	1/10W
R123	1-216-837-11	METAL CHIP	22K	5%	1/10W
R126	1-216-851-11	METAL CHIP	330K	5%	1/10W
R127	1-216-851-11	METAL CHIP	330K	5%	1/10W
R142	1-216-821-11	METAL CHIP	1K	5%	1/10W
R143	1-216-833-11	METAL CHIP	10K	5%	1/10W
R172	1-216-864-11	SHORT CHIP	0		
R174	1-216-813-11	METAL CHIP	220	5%	1/10W
R175	1-216-833-11	METAL CHIP	10K	5%	1/10W
R182	1-216-864-11	SHORT CHIP	0		
R184	1-216-813-11	METAL CHIP	220	5%	1/10W
R185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R201	1-216-841-11	METAL CHIP	47K	5%	1/10W
R202	1-216-811-11	METAL CHIP	150	5%	1/10W
R203	1-216-821-11	METAL CHIP	1K	5%	1/10W
R204	1-216-821-11	METAL CHIP	1K	5%	1/10W
R205	1-216-821-11	METAL CHIP	1K	5%	1/10W
R206	1-216-821-11	METAL CHIP	1K	5%	1/10W
R207	1-216-864-11	SHORT CHIP	0		
R242	1-216-821-11	METAL CHIP	1K	5%	1/10W
R243	1-216-833-11	METAL CHIP	10K	5%	1/10W
R264	1-216-864-11	SHORT CHIP	0		
R272	1-216-864-11	SHORT CHIP	0		
R274	1-216-813-11	METAL CHIP	220	5%	1/10W
R275	1-216-833-11	METAL CHIP	10K	5%	1/10W
R282	1-216-864-11	SHORT CHIP	0		
R284	1-216-813-11	METAL CHIP	220	5%	1/10W
R285	1-216-833-11	METAL CHIP	10K	5%	1/10W
R301	1-216-845-11	METAL CHIP	100K	5%	1/10W (E,CH,MX,IND)
R303	1-216-845-11	METAL CHIP	100K	5%	1/10W (E,CH,MX,IND)
R304	1-216-833-11	METAL CHIP	10K	5%	1/10W
R305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R306	1-216-845-11	METAL CHIP	100K	5%	1/10W
R307	1-216-833-11	METAL CHIP	10K	5%	1/10W (AEP,UK)
R309	1-216-845-11	METAL CHIP	100K	5%	1/10W
R310	1-216-839-11	METAL CHIP	33K	5%	1/10W (AEP,UK)
R311	1-216-843-11	METAL CHIP	68K	5%	1/10W (AEP,UK)
R312	1-216-843-11	METAL CHIP	68K	5%	1/10W
R313	1-216-839-11	METAL CHIP	33K	5%	1/10W
R314	1-216-843-11	METAL CHIP	68K	5%	1/10W
R315	1-216-842-11	METAL CHIP	56K	5%	1/10W
R318	1-216-833-11	METAL CHIP	10K	5%	1/10W
R319	1-216-821-11	METAL CHIP	1K	5%	1/10W
R321	1-216-845-11	METAL CHIP	100K	5%	1/10W (EXCEPT AEP,UK)
R322	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R323	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R325	1-216-845-11	METAL CHIP	100K	5%	1/10W
R327	1-216-849-11	METAL CHIP	220K	5%	1/10W
R328	1-216-849-11	METAL CHIP	220K	5%	1/10W
R332	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R333	1-216-809-11	METAL CHIP	100	5%	1/10W
R334	1-216-841-11	METAL CHIP	47K	5%	1/10W
R335	1-216-839-11	METAL CHIP	33K	5%	1/10W
R336	1-216-845-11	METAL CHIP	100K	5%	1/10W
R337	1-216-841-11	METAL CHIP	47K	5%	1/10W
R339	1-216-809-11	METAL CHIP	100	5%	1/10W
R340	1-216-821-11	METAL CHIP	1K	5%	1/10W
R341	1-216-821-11	METAL CHIP	1K	5%	1/10W
R342	1-216-845-11	METAL CHIP	100K	5%	1/10W
R343	1-216-809-11	METAL CHIP	100	5%	1/10W
R344	1-216-809-11	METAL CHIP	100	5%	1/10W
R345	1-216-809-11	METAL CHIP	100	5%	1/10W
R346	1-216-833-11	METAL CHIP	10K	5%	1/10W
R347	1-216-809-11	METAL CHIP	100	5%	1/10W
R348	1-216-833-11	METAL CHIP	10K	5%	1/10W
R350	1-216-809-11	METAL CHIP	100	5%	1/10W
R351	1-216-821-11	METAL CHIP	1K	5%	1/10W
R352	1-216-821-11	METAL CHIP	1K	5%	1/10W
R353	1-216-864-11	SHORT CHIP	0		
R354	1-216-864-11	SHORT CHIP	0		
R357	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R360	1-216-845-11	METAL CHIP	100K	5%	1/10W (US,CND)
R361	1-216-845-11	METAL CHIP	100K	5%	1/10W (EXCEPT US,CND)
R362	1-216-845-11	METAL CHIP	100K	5%	1/10W (EXCEPT AEP,UK)
R363	1-216-845-11	METAL CHIP	100K	5%	1/10W (AEP,UK)
R364	1-216-845-11	METAL CHIP	100K	5%	1/10W
R365	1-216-845-11	METAL CHIP	100K	5%	1/10W
R366	1-216-845-11	METAL CHIP	100K	5%	1/10W
R368	1-216-864-11	SHORT CHIP	0		
R369	1-216-864-11	SHORT CHIP	0		
R370	1-216-864-11	SHORT CHIP	0		
R372	1-216-864-11	SHORT CHIP	0		
R373	1-216-845-11	METAL CHIP	100K	5%	1/10W
R375	1-216-845-11	METAL CHIP	100K	5%	1/10W
R377	1-216-845-11	METAL CHIP	100K	5%	1/10W
R380	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP,UK)
R381	1-216-864-11	SHORT CHIP	0		
R382	1-216-864-11	SHORT CHIP	0		
R383	1-216-864-11	SHORT CHIP	0		
R384	1-216-864-11	SHORT CHIP	0		
R391	1-216-845-11	METAL CHIP	100K	5%	1/10W (US,CND,AEP,UK)

Ref. No.	Part No.	Description			Remark
R392	1-216-845-11	METAL CHIP	100K	5%	1/10W
R400	1-216-864-11	SHORT CHIP	0		
R401	1-216-017-11	RES-CHIP	47	5%	1/10W
R402	1-216-813-11	METAL CHIP	220	5%	1/10W
R407	1-216-833-11	METAL CHIP	10K	5%	1/10W
R420	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R421	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R422	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R423	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R424	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R425	1-216-041-00	RES-CHIP	470	5%	1/10W
R426	1-216-041-00	RES-CHIP	470	5%	1/10W
R427	1-216-834-11	METAL CHIP	12K	5%	1/10W
R428	1-216-834-11	METAL CHIP	12K	5%	1/10W
R437	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R451	1-216-809-11	METAL CHIP	100	5%	1/10W
R452	1-216-864-11	SHORT CHIP	0		
R453	1-216-864-11	SHORT CHIP	0		
R454	1-216-864-11	SHORT CHIP	0		
R455	1-216-864-11	SHORT CHIP	0		
R486	1-216-864-11	SHORT CHIP	0		
R501	1-216-821-11	METAL CHIP	1K	5%	1/10W
R502	1-216-864-11	SHORT CHIP	0		
R503	1-216-864-11	SHORT CHIP	0		
R504	1-216-864-11	SHORT CHIP	0		
R505	1-216-864-11	SHORT CHIP	0		
R521	1-500-329-21	INDUCTOR, FERRITE BEAD			
R522	1-500-329-21	INDUCTOR, FERRITE BEAD			
R551	1-216-833-11	METAL CHIP	10K	5%	1/10W (AEP,UK)
R552	1-216-821-11	METAL CHIP	1K	5%	1/10W (AEP,UK)
R553	1-216-801-11	METAL CHIP	22	5%	1/10W (AEP,UK)
R554	1-216-845-11	METAL CHIP	100K	5%	1/10W (AEP,UK)
R555	1-216-295-11	SHORT CHIP	0 (AEP,UK)		
R556	1-216-295-11	SHORT CHIP	0 (AEP,UK)		
R557	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP,UK)
R620	1-216-230-00	RES-CHIP	22K	5%	1/8W
R621	1-216-230-00	RES-CHIP	22K	5%	1/8W
R622	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R623	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R624	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R625	1-216-025-11	RES-CHIP	100	5%	1/10W
R626	1-216-848-11	METAL CHIP	180K	5%	1/10W
R627	1-216-846-11	METAL CHIP	120K	5%	1/10W
R628	1-216-841-11	METAL CHIP	47K	5%	1/10W
R629	1-216-833-11	METAL CHIP	10K	5%	1/10W
R630	1-216-837-11	METAL CHIP	22K	5%	1/10W
R631	1-216-821-11	METAL CHIP	1K	5%	1/10W
R632	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R633	1-216-821-11	METAL CHIP	1K	5%	1/10W
R634	1-216-295-11	SHORT CHIP	0		
R635	1-216-803-11	METAL CHIP	33	5%	1/10W
R636	1-211-985-11	METAL CHIP	47	0.5%	1/10W
R637	1-216-839-11	METAL CHIP	33K	5%	1/10W
R639	1-216-801-11	METAL CHIP	22	5%	1/10W
R640	1-216-845-11	METAL CHIP	100K	5%	1/10W
R644	1-216-134-00	RES-CHIP	2.2	5%	1/8W
R645	1-216-134-00	RES-CHIP	2.2	5%	1/8W
R647	1-216-134-00	RES-CHIP	2.2	5%	1/8W
R701	1-216-845-11	METAL CHIP	100K	5%	1/10W
R702	1-216-864-11	SHORT CHIP	0		
R703	1-216-821-11	METAL CHIP	1K	5%	1/10W
R704	1-216-864-11	SHORT CHIP	0		
R706	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R707	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R708	1-218-899-11	METAL CHIP	150K	0.5%	1/16W
R709	1-218-873-11	METAL CHIP	12K	0.5%	1/10W
R710	1-218-236-11	METAL CHIP	1	10%	1/4W
R711	1-218-236-11	METAL CHIP	1	10%	1/4W
		< SWITCH >			
S301	1-571-478-11	SWITCH, SLIDE (FREQUENCY SELECT) (E,CH,MX,IND)			
		< TRANSFORMER >			
T620	1-443-879-11	TRANSFORMER, DC-DC CONVERTER			
		< THERMISTOR >			
TH100	1-801-792-21	THERMISTOR, POSITIVE			
TH301	1-804-045-11	THERMISTOR			
		< TUNER UNIT >			
TUX501	A-3220-961-B	TUNER UNIT (TUX-032)			
		< VIBRATOR >			
X301	1-813-202-11	VIBRATOR, CRYSTAL (32.768kHz)			
X302	1-781-679-11	VIBRATOR, CRYSTAL (6MHz)			
X551	1-813-173-11	VIBRATOR, CRYSTAL (8.664MHz) (AEP,UK)			
**********					
	A-1177-362-A	SERVO BOARD, COMPLETE			
		**********			
**********					
		SUB PANEL BOARD			
		**********			
		< DIODE >			
LED990	6-501-547-01	LED CL-197HB1E-D-T (DISC INDICATOR)			
		< RESISTOR >			
R990	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R991	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
**********					

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
		**********	
8	1-831-837-11	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP,UK)
8	1-833-102-11	CORD (WITH CONNECTOR) (POWER)	(EXCEPT AEP,UK)
52	1-872-512-11	FLEXIBLE BOARD	
55	1-833-835-11	CONNECTION CORD FOR AUTOMOBILE (SUB OUT (MONO))	
⚠153	X-2149-672-1	SERVICE ASSY, OP (DAX-25A)	
F901	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A	
**********			
		ACCESSORIES	
		**********	
	1-479-077-23	REMOTE COMMANDER (RM-X152) (US,CND)	
	1-479-077-43	REMOTE COMMANDER (RM-X154) (AEP,UK)	
	1-479-077-63	REMOTE COMMANDER (RM-X156)	(E,CH,MX,IND)
	2-548-729-01	LID, BATTERY CASE (for RM-X152/X154/X156)	
	2-898-876-12	MANUAL, INSTRUCTION (ENGLISH,SPANISH)	(GT71W)
	2-898-876-22	MANUAL, INSTRUCTION (ENGLISH,FRENCH)	(GT710:US,CND)
	2-898-876-31	MANUAL, INSTRUCTION (ENGLISH,GERMAN, FRENCH,ITALIAN,DUTCH)	(GT710:AEP,UK)
	2-898-876-41	MANUAL, INSTRUCTION (ENGLISH,SPANISH, SIMPLIFIED CHINESE)	(GT760)
	2-898-922-11	MANUAL, INSTRUCTION, INSTALL (ENGLISH,SPANISH)	(GT71W)
	2-898-922-21	MANUAL, INSTRUCTION, INSTALL (ENGLISH,FRENCH)	(GT710:US,CND)
	2-898-922-31	MANUAL, INSTRUCTION, INSTALL (ENGLISH, GERMAN,FRENCH,ITALIAN,DUTCH)	(GT710:AEP,UK)
	2-898-922-41	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH,SIMPLIFIED CHINESE)	(GT760)
	X-2149-228-2	CASE ASSY (for FRONT PANEL) (EXCEPT US)	
**********			

Ref. No.	Part No.	Description	Remark
		PARTS FOR INSTALLATION AND CONNECTIONS	
		**********	
201	X-3382-647-1	FRAME ASSY, FITTING	
202	2-698-362-01	COLLAR	
202	3-255-785-02	COLLAR (1DIN) (for Maruti Suzuki) (IND)	
203	3-246-471-01	KEY (FRAME)	
204	X-3381-154-1	SCREW ASSY (BS4), FITTING (GT760)	
205	3-349-410-11	BUSHING (EXCEPT US,CND)	
206	X-3382-926-1	SCREW ASSY (BS), FITTING (GT710:AEP,UK)	
207	3-934-325-01	SCREW, +K (5X8) TAPPING (EXCEPT AEP,UK)	
208	1-465-459-31	ADAPTOR, ANTENNA (AEP,UK)	
209	1-831-837-11	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP,UK)
209	1-833-762-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (for Maruti Suzuki) (IND)	
210	1-833-102-11	CORD (WITH CONNECTOR) (POWER)	(EXCEPT AEP,UK,IND)



MEMO

CDX-GT71W/GT710/GT760

SONY

SERVICE MANUAL

Ver. 1.2 2007.03

US Model
CDX-GT71W/GT710
Canadian Model
AEP Model
UK Model
CDX-GT710
E Model
Chinese Model
CDX-GT760

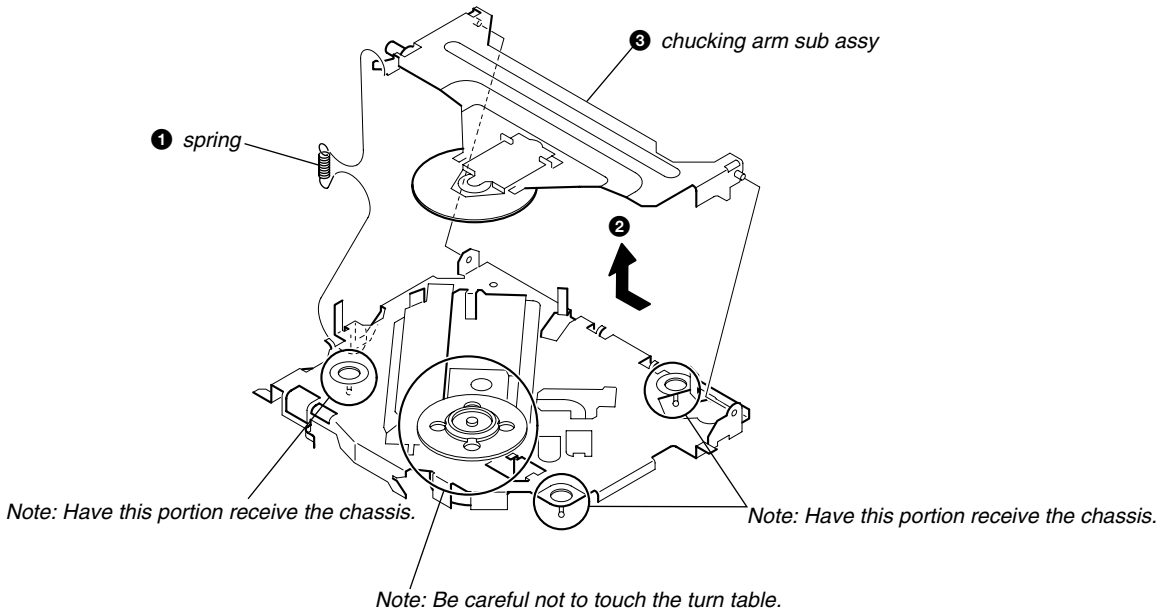
SUPPLEMENT-1

File this supplement with the service manual.

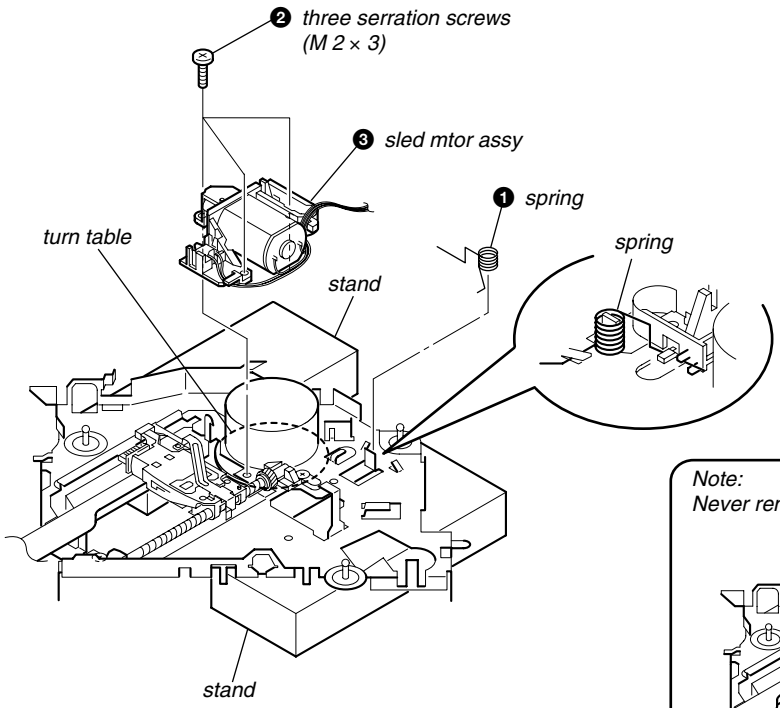
Subject: Notes for removal of the OPTICAL PICK-UP added.

DISASSEMBLY

1. CHUCKING ARM SUB ASSY

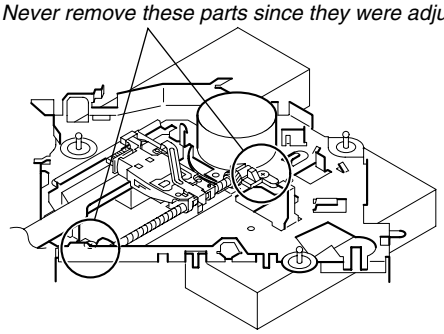

❸ chucking arm sub assy
❶ spring
❷
Note: Have this portion receive the chassis.
Note: Have this portion receive the chassis.
Note: Be careful not to touch the turn table.

2. SLED MOTOR ASSY

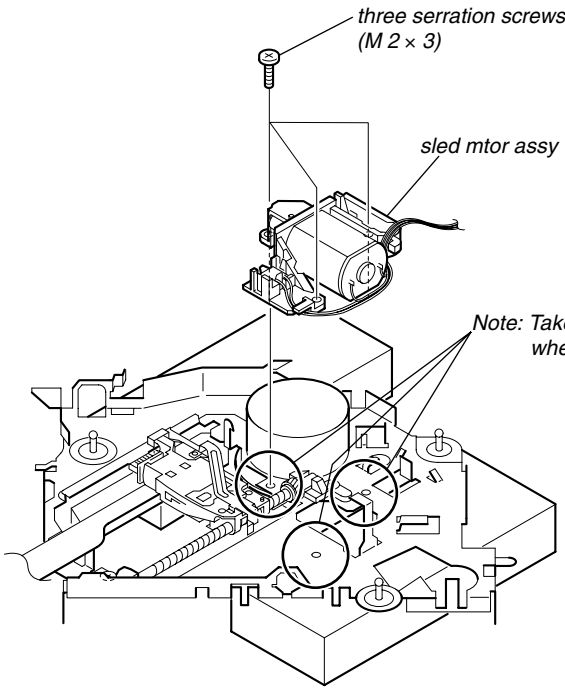


Note: Place the stand with care not to touch the turn table.

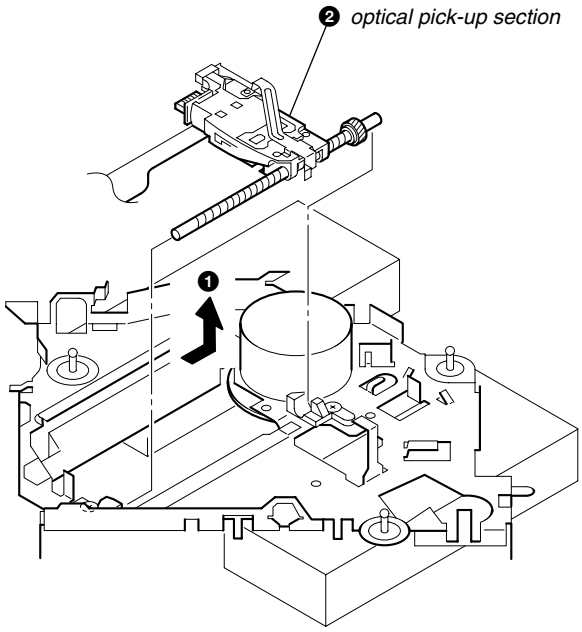
Note:
Never remove these parts since they were adjusted.

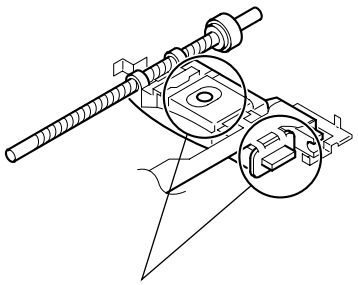


Note for Assembly


three serration screws
(M 2 × 3)
sled mtor assy
Note: Take care to prevent the chassis from being bent
when tightening the three machine screws.

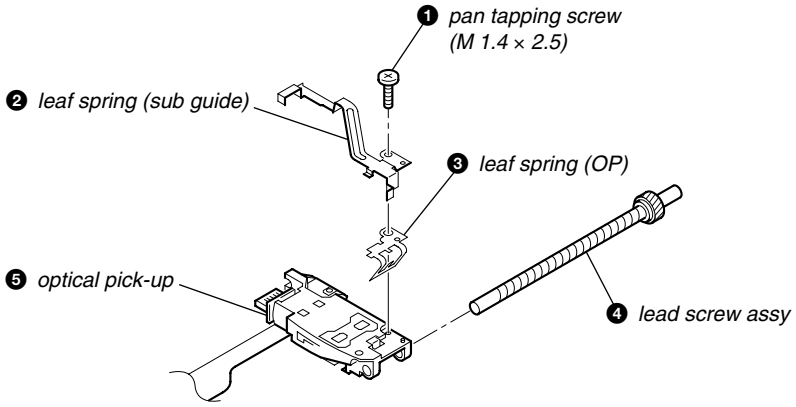
3. OPTICAL PICK-UP SECTION



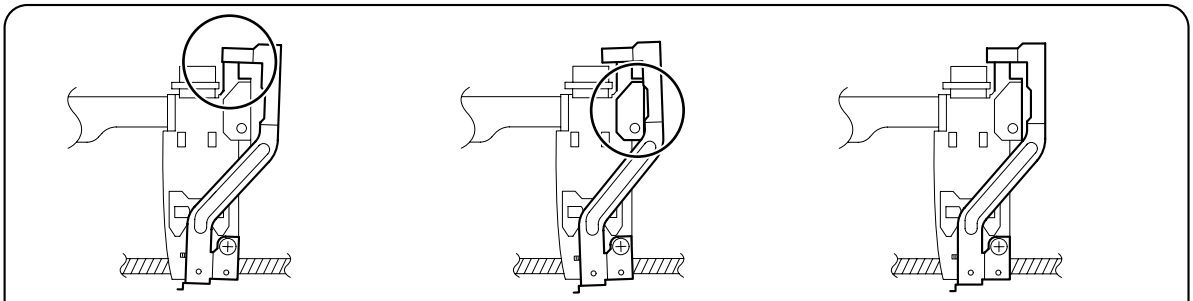


Note: Be careful not to touch the lens and hologram terminal when removing the optical pick-up section.

4. OPTICAL PICK-UP



Notes for Assembly



Prevent the end of the leaf spring (sub guide) from being in contact with the OP slide base.

Prevent the end of the leaf spring (sub guide) from being in contact with the OP slide base.

There is space at the end of the leaf spring (sub guide) to avoid contact with the slide.

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2006.12	New
1.1	2007.01	Composition part change of FRONT PANEL (SV) ASSY. (ENG-07001)
1.2	2007.03	Indian model addition of CDX-GT760. Notes for removal of the OPTICAL PICK-UP added. (SUPPLEMENT-1) (ENG-07003)